Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

Volume 139
Number 2

SINCE 1871

JAN 13 1941

January 13, 1941

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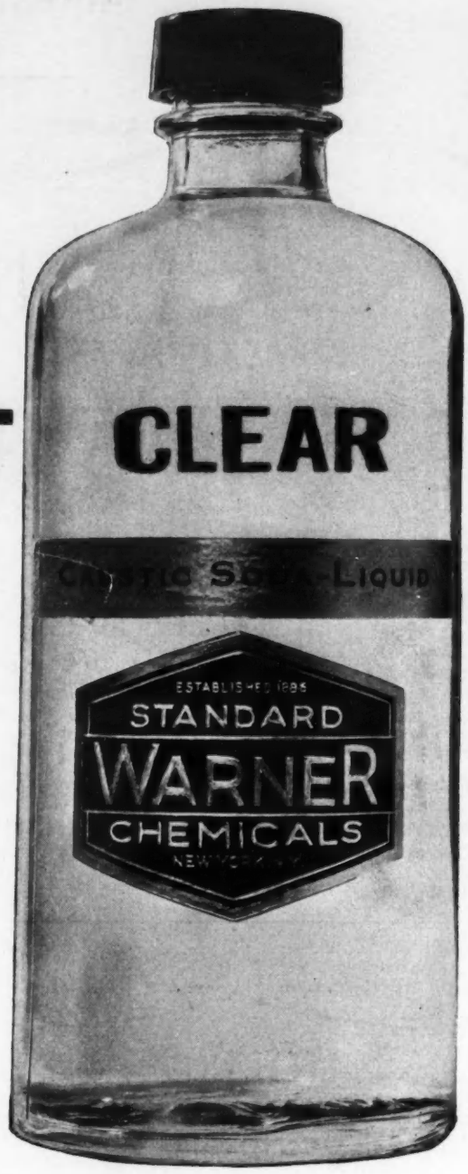

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Phthalic Patent Suit to Start Jan. 21

Wilmington, Del., Jan. 9, 1941

Patent suit of the National Aniline & Chemical Company against Reichhold Chemicals, Inc., Detroit, is scheduled for trial January 21 before Judge John P. Nields in United States District Court here. The complaint avers infringement, and defendant denies legality of issuance of United States letters of patent No. 1787416, issued December 30, 1930, upon application of Alfred Wohl to his assignee, I. G. Farbenindustrie Aktiengesellschaft of Frankfort-on-the-Main, Germany, for an invention in catalytic oxidation of organic compounds, and United States letters patent No. 1971888, issued August 28, 1934, upon application of Wohl, to the same assignee for an invention in catalytic process for manufacturing phthalic anhydride.

The plaintiff demands an injunction against further alleged infringement by the defendant and those in privity with the defendant, an accounting for the profits and damages, an assessment of costs against defendant, and judgment for the relief sought.

The defendant's amended answer

—Continued on page 38

Price Reporting Ban Put on Trade Ass'n

OPD Washington Bureau
January 7, 1941

The Department of Justice announced today that a consent decree signed by Thurman Arnold, Assistant Attorney General, and twenty-seven defendants consisting of manufacturers of electrical equipment, a New York electrical trade association, and its executive director has been approved by Judge Goddard in the United States District Court for the Southern District of New York.

This decree relates to price-fixing activities described in a complaint recently filed by the antitrust division against the defendants. The complaint resulted from an investigation by members of the antitrust division staff under the direction of Herbert A. Berman, special assistant to the Attorney General.

The complaint alleges that representatives of the defendant manufacturers have held meetings since 1933 for the purpose of agreeing on prices, and that in May, 1938, a trade association called Electrical Solderless Service Connector Institute was formed as a part of defendant's plan, and that the manufacturing concerns, with one

—Continued on page 32B

F.T.C. Cites Freight Equalization Pricing

OPD Washington Bureau
January 7, 1941

The Wire Rope & Strand Manufacturers Association, three of its officers, and sixteen member companies manufacturing about 95 percent of the country's production of wire rope, have been charged with unlawful agreement, combination and conspiracy to eliminate competition, in a complaint issued by the Federal Trade Commission.

Pursuant to their agreement, combination and conspiracy, the complaint alleges, the respondent association members, acting between and among themselves, or through the association or its three respondent officers, have fixed and maintained uniform delivered prices, terms and conditions for the sale of wire rope in the United States; continued, in effect, by agreement and concerted action a uniform, delivered price-fixing formula adopted

—Continued on page 32B

Potash Exports Now Subject to License

OPD Washington Bureau
January 10, 1941

President Roosevelt today issued a proclamation placing under export license control potash, copper, brass, bronze, zinc and nickel. The order is effective February 3. Detailed regulations defining articles in each category subject to licensing will be issued by the State Department early next week.

Purchasing Agents Award Prizes

The National Association of Purchasing Agents has awarded four prizes totaling $500 in its 1940 Boffey Memorial contest for college students in subjects germane to the practice of purchasing.

All the 1940 winners were students at Harvard University Graduate School of Business. The prizes were won as follows:—

First, $200—John G. McLean, Cambridge, Mass.: "A Quantitative Approach to the Determination of Purchase Quantities."

Second, $150—Henry S. Fauvre, Rochester, N. Y.: "Budgets and the Purchasing Department."

Third, $100—Charles W. Clarke, Los Angeles: "Manufacture or Buy?"

Fourth, $50—Albert Farmer, Lakewood, Ohio: "Responsibilities and Prerogatives of the Purchasing Agent in the Determination and Maintenance of Quality Standards."

The association has changed the rules for the Boffey Memorial contest for 1941, dividing it into one class for undergraduate students and another for graduate students in business administration, and setting up six prizes of $100 each. Manuscripts must deal with the subject of purchasing or a specific phase of purchasing for industrial, governmental, or educational institutions, excluding buying for resale.

The 1941 contest committee is headed by F. Albert Hayes, of the American Hide & Leather Company, Boston.

Congress Gets Early Load Of Bills of Usual Purpose

Legislation calling for the construction of a $10,000,000 ore smelting plant and authorizing small government loans to mine owners has been presented to the Senate by Pat McCarren, of Nevada. One bill (S. 22) directs the War Department to build a milling or smelting plant for the processing of ores containing minerals essential to the national defense. The plant, for which $10,000,000 would be authorized, would be operated either by the government or by private firms. The second measure (S. 20) permits the Reconstruction Finance Corporation to make loans of not over $5,000 to mine owners in order to encourage the production of essential minerals.

Anthony Dimond, delegate in Congress from Alaska, has reintroduced legislation to investigate the tin resources of Alaska. The bill (H. R. 96) stresses the dependance of the United States on foreign sources for tin supplies and authorizes an appropriation of $2,000,000 to explore possibilities of producing tin from an ore called cassiterite.

Agricultural Inoculants

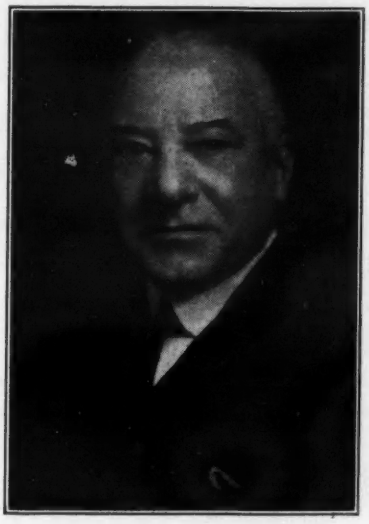
Regulation of the sale of seed and soil inoculants, inoculated fertilizers, and analogous biological products is provided in a bill (H.R. 66), introduced by Representative Cliff Clevenger of Ohio. The legislation prohibits the sale of such products in interstate commerce unless they have been prepared by companies licensed by the Department of Agriculture, or unless each package of the product is marked with the name of article, purpose, name, address and license number of manufacturer, and date of effective use.

Two bills for Federal participation in a program to eradicate noxious

—Continued on page 42

Wassercheid Honored On Seventieth Birthday

A testimonial dinner in honor of his seventieth birthday was given to August A. Wassercheid, vice-president of the Mallinckrodt Chemical Works,



August A. Wassercheid

January 8, by 150 of his friends in the drug and chemical industry. This large attendance of associates, customers and "competitors" testified strongly to the truth of the statement made by Arthur C. Boylston, president of the Mallinckrodt organization, "no com-

—Continued on page 32C

Trademark Protection Bills Are Reintroduced

OPD Washington Bureau
January 6, 1941

Legislation for the protection of patents and trademarks was reintroduced into the new Congress last week. One bill, sponsored by Representative Fritz Lanham, of Texas (H.R. 102), sets up specifications for the registration of trademarks, and carries out the provisions of international trademark conventions. The measure standardizes the filing, renewal, publication, cancellation and classification of trademarks, and provides remedies for violation.

A second bill (H.J. Res. 32), introduced by Representative William Ditter, of Pennsylvania, would penalize governments who receive payment for the use of their patents by Americans, but who in turn refuse to pay this country for the use of its patents. In such cases the measure authorizes Americans to pay the necessary amounts to the United States government, instead of the nation owning the patent.

Patman Chain Tax Bill Includes 'Gas' Stations

OPD Washington Bureau
January 6, 1941

At post position in the new congressional legislative race is the familiar H.R. 1, Representative Wright Patman's regular threat to chain retail stores. The bill, on which extensive hearings were held last year, is a somewhat less drastic modification of Patman's earlier proposals to prevent the extension of chain outlets.

The measure places a tax on each store which increases with the number of stores and is multiplied by the number of states in which the company is found. Chances for passage are as slim as ever for this bill, which also includes filling stations in this version, it is stated.

Effective Association Functioning Essential to Private Enterprise

By John M. F. Donovan, Jr.*
Trade Association Counselor

I. The Preservation of Private Enterprise

The common purpose of all businessmen engaged in competitive industry, which develops and progresses by reason of our American system of private enterprise, is the perfection of a profitable adjustment between the costs of production and the returns from sales. The most important factors in the maintenance of American business standards have been the resourcefulness and freedom of action of the individual. These characteristics are in danger of being annihilated, however, by the ever-growing paternalistic attitude which governmental departments and agencies feel is necessary for the protection and wellbeing of the masses of the people.

The only effective instrument which businessmen possess to combat overemphasis on bureaucratic regulation and supervision is coordinated thought and organized effort through the medium of trade associations. Legitimately operated trade associations are capable of exerting powerful and effective influences in many di-

* Staff Attorney, the National Fertilizer Association, Washington; B.A., University of Maine; M.A., Ph.D., LL.B. and LL.M., Georgetown University; formerly a member of the staff of the Georgetown Law Journal; formerly professor of political science at Georgetown University, Fordham University, and Nazareth College; formerly an assistant economic analyst (in legal research) United States Department of Labor and an attorney with the Federal Trade Commission; member of the American Trade Association Executives and of the Washington Trade Association Executives; member of the Bar of the District of Columbia and of the Supreme Court of the United States; author of Trade Associations Indispensable to American Business (Oil, Paint and Drug Reporter, June 26 through July 17, 1939), Trade Associations Must Know Antitrust Law Processes (Oil, Paint and Drug Reporter, July 15 through August 28, 1940), Consent Decrees Provide American Business New Trade Practice Facilities (Oil, Paint and Drug Reporter, November 18 and November 25, 1940), and numerous other articles on trade association activities.

—Continued on page 32D

Closing Markets

London Closing Cable

LONDON, Jan. 10, 1941

Carnuba wax up 5 shillings to 430s. per hundredweight. Crude beeswax up 15 shillings to 200s. per hundredweight.

Cottonseed Oil Firmer

Refined cottonseed oil futures were firmer on Friday, long liquidation being offset by commission house and trade buying and covering of shorts. May advanced to 6.74c., a new high level for the season. Southern markets for crude oil remained firm. Lard and soybean futures were irregular. Coconut, corn, peanut and soybean oils remained firm. The sardine catch on the Pacific coast for the season to January 3 showed a decrease of about 100,000 tons as compared with the same time last season.

Paint Type Changes Recommended to Army

OPD Washington Bureau
January 9, 1941

Representatives of the National Paint, Varnish and Lacquer Association today called on the construction division of the Quartermasters Corps, United States Army, and presented recommendations for types of paint to be used on army cantonments and also for tinting of such paints. The army group has taken the matter under advisement.

The recommendations of the paint industry's spokesmen, as developed by the association's scientific section and the National Bureau of Standards, are for the use of a lead-zinc-titanium paint, both white and tinted, with cream and gray the suggested colors. The group also presented for consideration well-defined specifications for exterior surfaces. A representative of the National Lead Company presented a suggestion that a white lead primer be employed under the type of material recommended by the industry's group.

The industry was represented by Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, who was spokesman; Dr. H. A. Gardner, director of the scientific section; Elliot S. Phillips, of the Devoe & Raynolds Company; William Richter, of E. I. du Pont de Nemours & Co.; Frank Sulzberger, of the Enterprise Paint Manufacturing Company; Charles Roh, of the Murphy Varnish Company, and E. F. Hickson, of the National Bureau of Standards.

Pfizer Co. Elects Anderson President

At a meeting of the board of directors of Charles Pfizer & Co., this city, George A. Anderson was elected president and chairman of the executive committee. Other officers elected were:—Chairman of the board, Emil Pfizer; vice-presidents, John Smith and John J. Powers; treasurer, Albert A. Teeter, and secretary, Elmer C. Otto.

Texas Oil Proration Upheld by High Court

OPD Washington Bureau
January 6, 1941

Power of the Texas Railroad Commission to prorate production in the East Texas oil fields was upheld by the Supreme Court of the United States today in two identical decisions handed down against the Rowan & Nichols Oil Company and the Humble Oil & Refining Company.

The court pronounced constitutional the commission's proration order setting up a total daily production of 691,000 barrels, with a minimum allowance of twenty barrels. Last June, in the first suit brought by the Rowan & Nichols Company, the court affirmed the validity of a previous proration order issued by the Texas Railroad Commission. In all three cases, the oil companies claimed to be victims of illegalities in the method of distributing total allowable production among the different classes of oil producers.

In a decision written by Justice Frankfurter from which three judges dissented, the court denied itself the

—Continued on page 56

Chemical Prices Again Higher

Price changes were again greatly one-sided—upward—in the markets for heavy and fine chemicals last week. The tartrate group and organic fertilizer materials were the outstanding examples of the trend.

Business shrank somewhat in respect of new developments. This was laid to new year recuperating and was not expected to last, although there was a bit of dubiousness extant whether the South American lull might be prolonged by some undetected influence. Home and British defense buying was expected to boost the volume shortly.

Prices were advanced on tartaric acid, cream of tartar, rochelle salt, tartar emetic, seidlitz mixture, isobutyl propionate, natural menthols, imported egg albumen, bone (calcimine) glues, domestic dried blood and tankage California fishmeal, cottonseed meal in the Southeast, hoofmeal at Chicago, nitrogenous fertilizer stuff in Wisconsin, gum rosin, gum and wood turpentines, and shellacs.

Prices were reduced on sulphonated castor oil.

The REPORTER'S composite index number of prices for heavy and fine chemicals was boosted to a new high, 131.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 93.1, compared with 90.7 at this time last year and 88.9 in 1939.

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OPD Forum

Outlet for Individual Opinion

(Anonymous communications will not be recognized; but publication of a signer's name will be withheld at request.)

Better Silver Polish

To the Editor,
OIL, PAINT AND DRUG REPORTER
Sir:—

I have been very much interested in seeing in various copies of the REPORTER the lists of problems for practical chemists to work on. If it is in order to suggest another item for this department, I should like to state that for many years there have been few changes or improvements in the art of polishing silver and keeping it free from tarnish thereafter.

I personally would be very glad indeed to buy any improvement in this line. I am familiar with a silver polish which is shipped all over the country and has had a ready sale. However, to my mind the ideal silver pol-

—Continued on page 32B

Sales Better in November

Domestic sales of wholesalers, and shipments by manufacturers of chemicals, oils, and drugs were generally better during November, 1940, as compared with the same period in 1939, according to data compiled by the Department of Commerce. All classes of wholesale sales showed a gain for the period. As regards manufacturers shipments, only the petroleum refining industry registered a decrease for the 1940 month.

The compiled data also revealed that the inventories all wholesale classifications, as well as the manufacturing fields except petroleum, were larger at the end of November, 1940. Comparisons for various groups and some single commodities follow:—

Wholesale Sales

	Percentage comparison with Nov., 1939.
Drugs and druggists' sundries	+ 4.0
Industrial chemicals	+ 8.0
Paints and varnishes	+16.0
Petroleum	+ 4.0

Manufacturers' Shipments

Chemicals and allied products	+11.1
Petroleum refining	— 3.4
Rubber products	+21.3

Exports

Coaltar chemicals	—18.1
Gas and fuel oils	+55.8
Industrial chemicals	— 4.2
Lard	+151.3
Lubricating oil	+79.8
Medicinal products	—15.3
Motor fuels	+16.1
Naval stores	+33.1
Paints and varnishes	+48.2
Petroleum, crude	+49.8
Pigments	+24.7
Soaps and toilet preparations	+44.3

Retail Sales

Drug stores, independents	+ 5.0
Chains	+ 5.0
Inventories	+ 4.0
Filling stations, independent	+ 4.0

Wholesale Inventories

	Compared at Nov. 30.
Drugs and druggists' sundries	+ 3.0
Industrial chemicals	+ 3.0
Paints and varnishes	+ 5.0
Petroleum	—11.0

Manufacturers' Inventories

Chemical and allied products	+15.0
Petroleum refining	+ 5.3
Rubber products	+23.7

Mead Retires as Secretary Of Merchants Ass'n

S. Cristy Mead, secretary and administrative head of the Merchants Association of New York for forty-four years, will retire January 15, but will continue to serve on the directorate. Mr. Mead, seventy-three years old last November, asked that the work be taken over by a younger man.

As a young lawyer, the retiring secretary was one of the founders of the association in 1897 and was in a large degree responsible for the development of the modern chamber of commerce. In 1912 he helped organize the Chamber of Commerce of the United States and in 1920 he aided in the formation of the International Chamber of Commerce.

John Lowry, president of the Merchants Association, announced last week that a dinner would be held in honor of Mr. Mead January 14 at the University Club.

Essential Oil Ass'n Told of Scientific Work

Discussion of the report of the scientific section; the re-election of officers, and the honoring of Edward Killeen as founder of the association, were the features of the annual meeting of the Essential Oil Association

Charles Fischbeck

of the United States, held in the Hotel Warwick, this city, January 9.

During the last year, the scientific section continued its studies and revision of the standards of the U.S.P., and also entered, for the first time, into a discussion and revision of the monographs contained in the National Formulary, Dr. Eric C. Kunz, of Givaudan-Delawanna, Inc., this city,

—*Continued on page* 52

Hazardous Trucking Rules Revised

OPD Washington Bureau
January 9, 1941

The Interstate Commerce Commission has issued a supplemental order in docket No. MC-13 in order to bring its regulations for transportation of dangerous articles by motor truck into conformity with its regulations for shipping the same articles by other means of transportation.

The original regulations were published in a booklet entitled Motor Carrier Safety Regulations, Part 7, and refer mainly to methods of stowing dangerous articles on trucks and proper operation of vehicles carrying dangerous articles. More recently the commission has revised its general regulations for the transportation of explosives and other dangerous articles, docket No. 3666, which in some cases conflicted with the special regulations for motor carriers. These discrepancies have now been corrected, and the new supplemental order also amends some rulings which shippers complained were unduly restrictive, such as the rule that carboys could be loaded only one tier high.

The regulations apply to all common and contract carriers, but not to private trucks at present.

The commission today canceled motor truck schedules proposing reduced rates on gasoline and other bulk petroleum products moving from Superior, Neb., to points in Colorado. Railroads had protested that lowered motor rates would cause them an unjustified loss of revenue.

N.Y. Trade Ass'n Heads To Hear Thurman Arnold

Trade Association Executives in New York will be addressed by Thurman W. Arnold, Assistant Attorney-General and director of the anitrust division of the Department of Justice, at a luncheon in the Commodore hotel, January 14. His subject will be "The Bottlenecks of Business," with special reference being made as to the future of trade associations. Following his address, Mr. Arnold will answer questions.

F.T.C. Wants Durrett

OPD Washington Bureau
January 9, 1941

The Federal Trade Commission, it is reliably reported, has invited Dr. J. J. Durrett, chief medical officer of the Food and Drug Administration, to become its medical adviser on problems of enforcing the drug advertising provisions of the Wheeler-Lea act.

The commission's former adviser, Dr. Kenneth E. Miller, had been loaned by the United States Public Health Service and has recently been recalled to active duty with that body.

Quinine Barred from Hair Tonic Names

OPD Washington Bureau
January 9, 1941

Enlarging its previously announced opinion that there is no such thing as a hair "tonic," the Food and Drug Administration has stated the position that no hair preparation should use the word, "quinine," in its name. In a recent letter to a manufacturer the administration said:—

It is our view that the various preparations involving the use of the term, "quinine," are all seriously in violation of the requirements of the statute. Even if quinine were to be added to these mixtures, we do not believe that this would serve to legalize the names [regulation (b) under section 602(a)].

—*Continued on page* 50

Diuretic Medicines Face F.D.A. Curb

OPD Washington Bureau
January 9, 1941

Diuretic drugs are being investigated by the Food and Drug Administration, and if information now at hand is confirmed the administration will make a drive against improper label claims for such products. It has so informed one manufacturer who submitted a formula for diuretic pills and asked advice on labeling. The administration replied:

The use of potassium nitrate in medicine has practically been abandoned by physicians. There is considerable doubt as to whether the plant drugs, buchu, uva ursi, and broomtops have any diuretic properties.

While we are not at the immediate present in a position to adversely criticize the labeling you propose for the formula submitted, we would not be

—*Continued on page 57*

Drug Law Regulation Changes Proposed for Adoption Feb. 8

OPD Washington Bureau
January 9, 1941

Proposed amendments to regulations under the food, drug, and cosmetic act were published in the *Federal Register* today. No hearings will be held, but interested persons may submit written comments to the Administrator of the Federal Security Agency within thirty days.

The amendments are proposed to the regulations under section 502(f), dealing with adequate labeling of drugs, and to section 505, dealing with applications for new drugs.

Under the former section it is proposed to tighten the regulations so as to prevent over-the-counter sale of drug preparations labeled for prescription use. The proposed language would exempt a drug from the requirement that it bear directions for use only if bearing the "prescription legend," if shipped only for prescription use, if adequate directions for use are known to the medical profession, and if there is nothing on the label to suggest use other than on a prescription. In the case of unofficial drugs the quantities of active ingredients must also be stated on the label for the information of physicians.

Under section 505 there are minor changes in the method of filing an application for authority to distribute a new drug, but a more important change applies to the provision permitting experimental shipments of a new drug before the application for it has become effective. In such cases the proposed regulations require the drug to carry a caution label and impose restrictions on both shipper and experimenter to prevent its general use prior to the time the application becomes effective.

The text of the proposed amendments follows:—

Drugs for Prescribing

The regulation promulgated under section 502 (f) of the Federal food, drug, and cosmetic act, as published in the *Federal Register* of December 28, 1938 (3F.R.3167-3168), is hereby amended by changing paragraphs (b) and (c) of such regulation to read as follows:

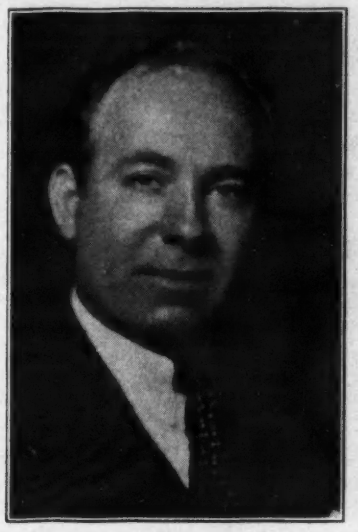
§ 2.106 (b) A shipment or other delivery of a drug or device shall be exempt from compliance with the requirements of clause (1) of section 502 (f) of the act if—

(1) Such shipment or delivery is made for use exclusively by or on the prescription of physicians, dentists, or

—*Continued on page* 50

C.S.A. to Install Officers January 23

Walter Merrill, head of Joseph Turner & Co., Ridgefield, N. J., will be installed as president of the Salesmen's Association of the American Chemical Industry at a meeting in the Chemists' Club, this city, January 23. Other officers to be installed are:—Vice-president, C. Oscar Lind, of the Dow Chemical Company; treasurer, G. S. Furman, of Merck & Co., and secretary, John J. Butler, jr., of the Industrial Chemical Sales division of the West Virginia Pulp & Paper Company.



Walter Merrill

Walter Merrill was born in Calumet, Mich., and was graduated from the U. S. Military Academy, West Point, in 1924. He joined the Turner organization as a salesman in 1925, and was named salesmanager in 1931, becoming general manager in 1932, and became senior partner in the firm in 1935.

Chemical Imports at N.Y. Analyzed by Tariff Board

The Tariff Commission, with the cooperation of the Work Projects Administration, has made a statistical analysis of certain classes of chemicals dutiable under paragraph 5 of the tariff act of 1930, which were imported through the New York customs district during 1939. The purpose of this analysis is to itemize the more important of the miscellaneous chemicals and medicinals included in the imports under paragraph 5 of the chemical schedule.

The total value of chemical imports during 1939 under the above classifications was $3,263,838, of which $2,413,059 was entered through the port of New York. The value of the imports analyzed was $969,513, or 40 percent of the imports in these classes through the New York customs district. Only those items which were valued at $1,000 or more are shown in the attached table. The total value of these tabulated items amounted to $902,082, which is 93 percent of the total import entries analyzed.

The table also shows the countries from which each of the tabulated items originated. Switzerland was the principal source, supplying slightly less than one-half, by value, of the total imports in these classifications. Germany was the second most important source whereas it had been first in former years, Japan third, and the United Kingdom fourth. The change in principal country of origin of these imports from Germany to Switzerland was due to the imposition of countervailing duties on German imports in April, 1939, and to the British blockade of shipments from Germany after the start of the present European war. The most important commodities entered were 2-methyl-4-amino-5-thioformylaminomethyl pyrimidin, an intermediate in the manufacture of Vitamin B^1; and ajinomoto, a monosodium glutamate preparation. The imports of these two items were valued at $93,135 and $75,135, respectively.

All imports of the sixteen basket classifications of paragraph 5, which were analyzed, were dutiable at 25 percent ad valorem during 1939 except salts and compounds of gluconic acid, digitalis glucosides, and ergotamine tartrate. The rate of duty on imports in this classification was reduced from 25 percent to 15 percent in the Swiss trade agreement, effective February 15, 1936. The duty on derivatives of barbituric acid was bound at 25 percent ad valorem in the same trade agreement with Switzerland.

Paragraph 5 of the Tariff Act of 1930 provides for the duty on all chemical elements, salts, compounds, and medicinal preparations, not specially provided for in other paragraphs. Import

—*Continued on page 32A*

A.C.S. Buys Home In Washington

OPD Washington Bureau
January 6, 1941

The American Chemical Society has purchased buildings on the corner of Sixteenth and M streets, N.W., Washington, D.C., for use as national headquarters. The site was recommended by a committee consisting of Willard H. Dow, chairman; D. H. Adams, Gustavus J. Esselen, and H. C. Morris, named by the directors of the society at a meeting in Chicago, December 12.

Officials of the association declared that membership has expanded so rapidly in recent months, more than 3,000 new members joining in 1940, that its present quarters were found inadequate. The new buildings will require little alteration to make them suitable for their new purpose, it also was stated.

Drug Law Color Rules Collated in Pamphlet

OPD Washington Bureau
January 8, 1941

The Food and Drug Administration is distributing in pamphlet form a reprint of all coaltar color regulations now in effect. Known as Service and Regulatory Announcements, Food, Drug and Cosmetic No. 3, the pamphlet includes regulations previously printed in the *Federal Register* as amended from time to time during the last eighteen months.

The booklet also includes a cross-index of former commercial and present official names of coaltar colors, sample forms for requesting certification of colors, and instructions for labeling colors.

MERCK BISMUTH COMPOUNDS

The purity of Merck Bismuth Compounds is made certain by careful selection of raw materials and by rigid laboratory control.

SUBCARBONATE	SUBNITRATE
WHITE	WHITE
ODORLESS	ODORLESS
GRIT-FREE	GRIT-FREE
TASTELESS	PRACTICALLY TASTELESS

OTHER MERCK BISMUTH SALTS

Citrate — Lactate — Hydroxide
Oxychloride — Salicylate — Oxyiodide
Subbenzoate — Subsalicylate — Subgallate
Phenolsulfonate (Sulfocarbolate)
Tannate — Bismuth Betanaphthol — Trioxide
Bismuth & Ammonium Citrate
Bismuth & Potassium Tartrate

LANDMARKS IN THE CHRONOLOGY OF BISMUTH

- Bismuth known in 1590 (Chronicle of Petrus Albinus)
- Zedler (1733) employs bismuth in salves
- Percival Pott (1739) recommends external use of bismuth
- Formerly confounded with other elements, the properties of bismuth were determined by Tobern Olof Bergman late in the Eighteenth Century
- Odier (1803) employs bismuth internally
- Adolf Kussmaul (1868) treats gastric ulcer with large doses of bismuth
- Emil J. Beck (1908) introduces bismuth paste
- Sazerac and Levaditi, Fournier and Guénot (1922) report the use of bismuth in the treatment of syphilis

MERCK

FINE CHEMICALS FOR THE PROFESSIONS AND INDUSTRY SINCE

* 1818 *

MERCK & CO. Inc.

New York • Philadelphia • St. Louis •

Manufacturing Chemists

RAHWAY, N. J.

In Canada: Merck & Co. Ltd., Montreal and Toronto

RECEIVED JAN 13 1941 LIBRARY THE CHEMISTS' CLUB

Current Market Quotations

January 10, 1941

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, arabic).
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lbs. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., cryst., bbls..lb. .29 - .31
powd., bbls.....lb. .27 - .29
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb. lots.....lb. .38 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs., 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .08 - —
tanks, dlvd.....lb. .06 - —
Methyl (see M).
Acetophenone, bots.....lb. 1.60 - —
cns., 25 to 50 lbs.....lb. 1.30 - 1.35
dms., 100 lbs.....lb. 1.27 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S. D., Tex. E. of Austin and Brownsville...lb. .08¾- —
l.c.l., same terms.....lb. .09 - .12
Acetic, com'l or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys., cs.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys., cs.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys., cs.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys., cs.....100 lbs. 6.39 - 6.64
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5% bbls.....100 lbs. 7.62 - 7.87
l.c.l., same terms.....lb. .09 - —
cbys. .....100 lbs. 8.12 - 8.37
tanks .....100 lbs. 5.00 - 5.50
USP, bbls.....100 lbs.10.25 -10.50
cbys., ...100 lbs.10.75 -11.00
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
tanks .....100 lbs. 5.50 - —
USP XI, al. dms...100 lbs.10.25 -11.00
C.P., dms.....100 lbs.13.50 -14.00
pure, 80%, bbls.....100 lbs. 3.28 - 3.53
cbys., cs.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys., cs.....100 lbs. 4.16 - 4.41
80%, bbls.....100 lbs. 6.15 - 6.40
cbys., cs.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys., cs.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. F'or all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10¼- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls..lb. .40 - —
Adipic, fib. dms., works.....lb. .31 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .20 - .22
Ascorbic, bots., dms.....oz. 2.00 - 2.05
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more, lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bulk, frt. alld...ton.93.50 - —
bgs., c.l., frt. alld...ton.96.00 - —
ton lots, ex whse...ton.106.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld...ton.106.00 - —
ton lots, ex whse..ton.118.00 - —
less than ton lots, ex whse..ton.123.00 - —
powd., bgs., c.l., frt. alld. ton.101.00 - —
ton lots, ex whse...ton.113.00 - —
less than ton lots, ex whse..ton.118.00 - —
bbls., c.l., frt. alld..ton.111.00 - —
ton lots, ex whse...ton.123.00 - —
Acid, boric, tech., 99.5%, powd., bbls., less than ton lots, ex whse..ton.128.00 - —
USP, $25 per ton higher.
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broenner's bbls.....lb. 1.11 - —
Camphoric, cns.....lb. 7.00 - —
Capric, dms.....lb. .12 - .13
Caproic, dms., works.....lb. .30 - .35
Carbolic (see Phenol).
Caprylic, dms.....lb. .17½- —
Castor oil, split, dms.....lb. .14½- .15¼
Chlorosulphonic, d m s., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N.Y..lb. .15¼- —
l.c.l., 5 tons, dlvd., N. Y., lb. .15¾- —
smaller quantities, dlvd., N.Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10,000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhydr., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dms.....lb. .10 - .10½
Cottonseed oil, dist., dms....lb. .07½- .07¾
tanks .....lb. .06¾- —
Cresylic (coaltar) high-boil 50%, 210°-215°, dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 210°-215°), dms., c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equald..gal. .68 - —
l.c.l., same basis....gal. .70 - —
special blends (50%, 204°-206°), dms, c.l., works, frt. equald..gal. .71 - —
l.c.l., same basis....gal. .73 - —
imported, pale, dms...gal. .63 - .65
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East. U.S..gal. .42 - —
l.c.l., same basis.....gal. .44 - .45
tanks, dlvd., East. U.S.gal. .389 - —
medium-boil (222°-240°), non-return dms., c.l., works, East. U.S..gal. .49 - —
l.c.l., same basis....gal. .50 - .51
tanks, dlvd., East. U.S.gal. .448 - —
Crotonic, x0 bbls. or more, dlvd..lb. .21 - —
smaller lots, dlvd.....lb. .26 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys., c.l., works..lb. .10½- —
l.c.l., 25 cbys. and over..lb. .11 - —
1-24 cbys.....lb. .11½- —
Fumaric, bbls., 1-ton delivery.. lb. .24 - —
smaller lots.....lb. .25 - .26
Gallic, tech., bbls.....lb. .90 - .93
N.F. VI, bbls., 200 lbs., 5 or more..lb. 1.07 - —
single bbls.....lb. 1.10 - —
fib. dms., 25 lbs.....lb. 1.16 - —
Gamma, bbls.....lb. .82 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs.....lb. .15 - —
25 or 50-lb. demijns.....lb. .21 - .22
5-lb. bots.....lb. .29 - —
H, bbls.....lb. .45 - —
Hydriodic, 45-47%, cbys.....lb. 2.42 - —
5-lb. bots.....lb. 2.63 - —
57%, bots.....lb. 2.90 - —
Hydrobromic, 10% dilute, cby. lb. .20 - —
concentrated, 34%, cby.....lb. .35 - —
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works. ..lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06¼
rubber, dms.....lb. .08 - .08¼
48%, lead, cbys.....lb. .12 - —
rubber, dms.....lb. .11 - —
52%, lead, cbys.....lb. .13 - —
rubber, dms.....lb. .12 - —
60%, lead, cbys.....lb. .14 - —
rubber, dms.....lb. .13 - —
Hydrofluosilic, 30-35%, 420 lbs., bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., works.....100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works... 100 lbs. 5.75 - —
cbys., works...100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., works.....100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works.... 100 lbs. 6.50 - —
l.c.l., works.....100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 or more, cbys..lb. .10½- .11¼
5 to 19, cbys.....lb. .11 - .12
1 to 4, cbys.....lb. .11½- .12½
Acid, lactic, plastic grade, bbls., cbys., 20 or more..lb. .12¾- .13¼
5 to 10, cbys.....lb. .12¾- .13¾
1 to 4, cbys.....lb. .13¼- .14½
80%, bbls., cbys., 5 or more.lb. .21 - .22
1 to 4, cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .42 - .45
USP, VIII, 70%, cbys.....lb. .40 - .43
Lauric, dist., tech., dms.....lb. .12 - .12½
Laurent's, bbls.....lb. .45 - —
Linseed oil, light, dms.....lb. .12½- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
l.c.l. .....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs.....lb. 2.05 - —
smaller lots.....lb. 2.10 - 2.15
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .008- .009
Molybdic, kegs, works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E., works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works...100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works...100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P. dealers, cbys.....lb. .06¾- —
6-lb. bots.....lb. .17½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .19 - —
Myristic, dist., dms.....lb. .16 - .16¼
Naphthenic, dom., acidity 160, dms., c.l., works..lb. .06½ Nom.
l.c.l., works.....lb. .07 Nom.
tanks, works.....lb. .06 Nom.
220 min. acidity, dms., c.l., works..lb. .09 Nom.
l.c.l., works.....lb. .09½ Nom.
tanks, works.....lb. .08 Nom.
240 min. acidity, dms., c.l., works..lb. .10 Nom.
l.c.l., works.....lb. .10½ Nom.
tanks, works.....lb. No prices
Nicotinic, 25-lb. cns.....lb. 9.00 - —
5-lb. bots.....lb. 9.50 - —
1-lb. bots.....lb.10.00 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works...100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works....100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works...100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24 works...100 lbs. 6.35 - —
1 to 9, works...100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works...100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .21½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .23 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs. and over.....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palmitic, bgs.....lb. .09¾- .10¼
Palm oil, white, dist., dms...lb. .06¾- .07¼
tanks .....lb. .06¼- —
Phenylacetic, bots.....lb. 1.75 - 2.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50%, s. g. 1.347, cbys., 70 lbs..lb. .12 - —
dms., 25 lbs.....lb. .15 - —
10%, dilut., cbys., dms...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic synth., pure, 55-gal. dms., returnable, works..lb. .14 - —
tanks, works.....lb. .11 - —
Pyrogallic, tech., lump, powd., bbls..lb. 1.20 - —
cns. .....lb. 1.25 - —
USP, cryst., cns.....lb. 1.70 - —
resubl., cns.....lb. 2.20 - —
Pyroligenous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split).
tech., dms., c.l., works.....lb. .27 - —
l.c.l., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .32 - —
USP, bbls.....lb. .35 - .40
Sebasic, CP, bbls., works....lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .08¼- .08¾
Stearic, dist., double pressed, bgs., dlvd..lb. .10 - .11
single pressed, bgs., dlvd..lb. .09¼- .10½
triple pressed, bgs., dlvd..lb. .12¾- .13¾
saponif., double pressed, bgs., dlvd..lb. .10¼- .11¼
triple pressed, bgs., dlvd..lb. .13 - .14

Acid, succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works.lb. 1.60 - 1.63
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works...100 lbs. 1.60 - —
1 to 9, works...100 lbs. 2.20 - —
tanks, E, works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works...100 lbs. 2.45 - —
tanks, E, works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys.....lb. .06½- —
9-lb. bots.....lb. .15½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .17 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
Tannic, tech., bbls., dms....lb. .54 - .56
USP, fluffy, bbls., 1,000-lb. lots..lb. .98 - —
100-lb. lots.....lb. 1.00 - —
25-lb. lots.....lb. 1.03 - —
powd., bbls., 1,000 lbs....lb. .88 - —
smaller lots.....lb. .90 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment.....lb. .31½- —
smaller quantities....lb. .32 - —
kgs. .....lb. .32½- —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs., works...lb. No prices
Chem. grade, kgs., works..lb. No prices
Aconite, leaves, bls.....lb. .38 - .42
Root. bls.....lb. .45 - .50
Aconitine, amorph., bots.....oz.23.00 - —
vis. .....gr. 1.00 - —
cryst., bots.....oz.42.00 - —
vis. .....gr. 1.60 - —
Adeps lanae, anhyd., dms.....lb. .26½- .27
hyd., dms.....lb. .24½- .25
Agar, 1, bls.....lb. 1.50 - 1.55
3, bls.....lb. No prices
Agaric, white, bls.....lb. 5.00 - 5.25
Albumen, blood, dark, flake, bags, f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis.lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .55 - .62
import, bgs.....lb. No prices
Egg, ed., dom., cryst., bbls..lb. .65 - .68
powd., dms., bbls.....lb. .70 - .75
import, cs. .....lb. .76 - .79
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., frt. alld..lb. .121 - —
l.c.l., frt. alld.....lb. .131 - —
tanks, frt. alld.....lb. .111 - —
normal, dms., l.c.l., wks...lb. .25 - —
Tertiary, refd., dms., l.c.l., frt. alld..lb. .09 - —
Benzyl, cns.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, cns., works...lb. .14½- .16½
dms., c.l., frt. alld.....lb. .10 - —
l.c.l., frt. alld.....lb. .10¼- —
tanks, frt. alld.....lb. .09 - —
tankwagon, frt. alld.....lb. .09¼- —
secondary, dms., c.l., frt. paid E. of Miss. R..lb. .08¼- —
l.c.l., same terms.....lb. .08¾- —
tanks, same terms.....lb. .07¼- —
tertiary, denaturing, c.l., dms..lb. .12¼- —
l.c.l., dms.....lb. .13 - —
tanks .....lb. .11¼- —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l, dms.....lb. .95 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD14, dms., c.l., works, E..gal. .32½- —
l.c.l., works, dms.....gal. .37½- —
tanks, E., works.....gal. .26½- —

Prices for territories other than E. of Rockies are 4c. per gal. in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1 190 pf., bbls., c.l., E. works..gal. .31½- —
19 bbls., E. works...gal. .33½- —
1 to 18 bbls., E. works, gal. .36½- —
dms., c.l., E. works...gal. .30½- —
19 dms., E. works...gal. .32½- —
1 to 18 dms.....gal. .35½- —
tanks, E. works.....gal. .24½- —

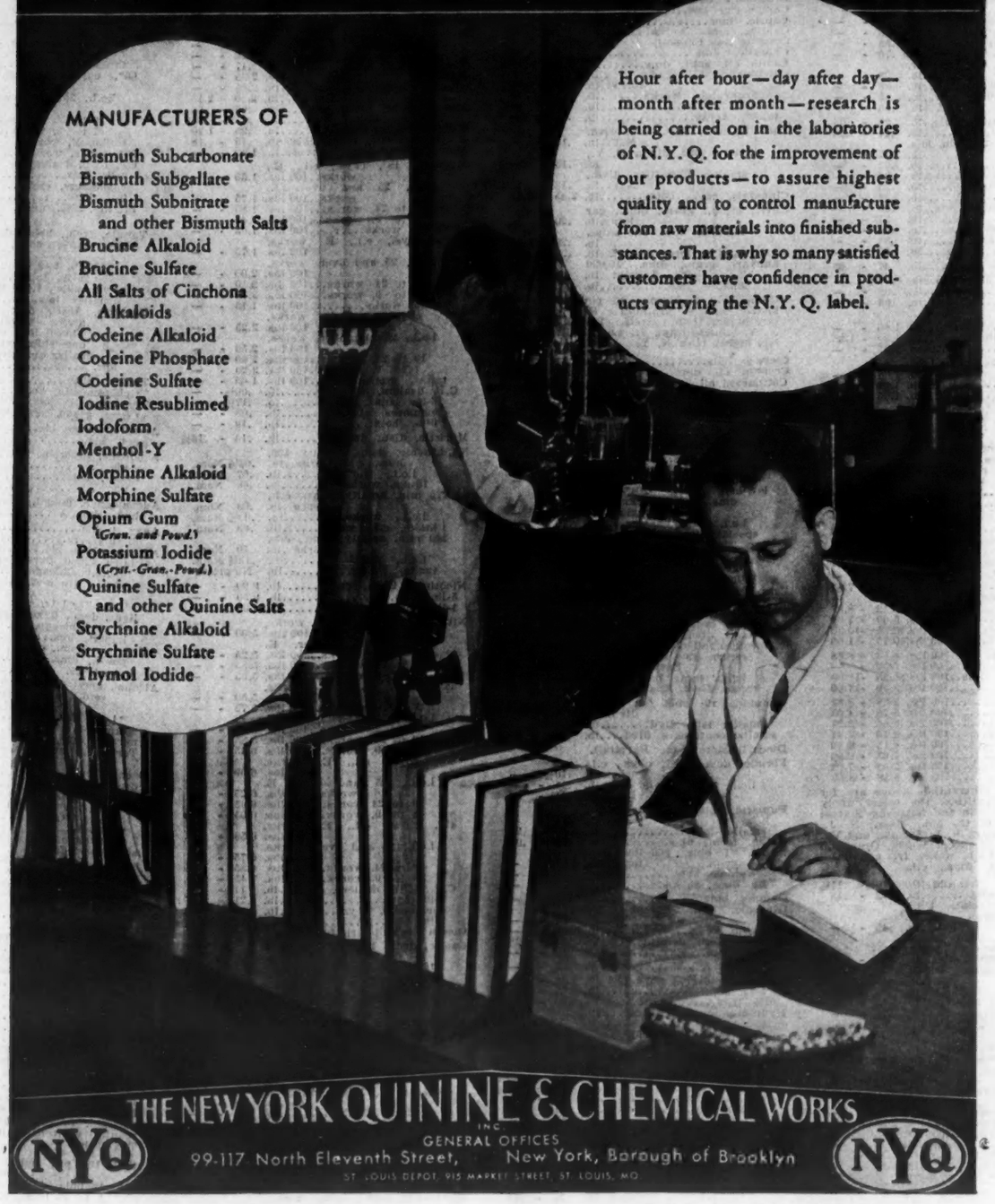
Anhydrous 3c. per gal. higher.

SD2B, dms., c.l., works, E. gal. .28½- —
19 dms., works, E....gal. .30½- —
1 to 18 dms., works, E. gal. .33½- —
tanks, E. works.....gal. .22½- —
SD23G, works, E., c l., dms., gal. .34½- —
19 dms.....gal. .36½- —
1 to 18 dms.....gal. .39½- —
tanks .....gal. .28½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in drums, higher.

"MAN-HOURS OF RESEARCH"...

Do you realize how many are spent in the constant improvement of N.Y.Q. products?



MANUFACTURERS OF

- Bismuth Subcarbonate
- Bismuth Subgallate
- Bismuth Subnitrate and other Bismuth Salts
- Brucine Alkaloid
- Brucine Sulfate
- All Salts of Cinchona Alkaloids
- Codeine Alkaloid
- Codeine Phosphate
- Codeine Sulfate
- Iodine Resublimed
- Iodoform
- Menthol-Y
- Morphine Alkaloid
- Morphine Sulfate
- Opium Gum (*Gran. and Powd.*)
- Potassium Iodide (*Cryst.-Gran.-Powd.*)
- Quinine Sulfate and other Quinine Salts
- Strychnine Alkaloid
- Strychnine Sulfate
- Thymol Iodide

Hour after hour—day after day—month after month—research is being carried on in the laboratories of N.Y.Q. for the improvement of our products—to assure highest quality and to control manufacture from raw materials into finished substances. That is why so many satisfied customers have confidence in products carrying the N.Y.Q. label.

THE NEW YORK QUININE & CHEMICAL WORKS INC.

GENERAL OFFICES

99-117 North Eleventh Street, New York, Borough of Brooklyn

ST. LOUIS DEPOT, 915 MARKET STREET, ST. LOUIS, MO.

NYQ NYQ

Alcohol, special solvent, dms., c.l., works..gal. .31½- —
20 dms., to c.l.....gal. .33½- —
1 to 19 dms.....gal. .36½- —
tanks, E works.....gal. .25½- —
Tankcar rates require written authorization by Alcohol Tax Unit.
Diacetone, acetone-free, dms., c.l., divd..lb. .09¾- —
l.c.l., divd.....lb. .10 - —
tanks, divd.....lb. .09¼- —
tech., dms., c.l., divd.....lb. .09 - —
l.c.l., divd.....lb. .09½- —
tanks, divd.....lb. .08 - —
Ethyl, 190 pf., ex molasses, dms., c.l.....gal. 6.00¼- —
10 dms.....gal. 6.04 - —
5 to 18 dms.....gal. 6.07 - —
1 to 4 dms.....gal. 6.07 - —
tanks .....gal. 5.94½- —
absolute, dms., c.l.....gal. 6.35½- —
10 dms.....gal. 6.39 - —
5 to 18 dms.....gal. 6.42 - —
1 to 4 dms.....gal. 6.42 - —
Ethyl alcohol in bbls. 1c. higher than dms.
Grain alcohol 25c. gal. higher.
Ethylhexyl, dms., c.l., works..lb. .24 - —
l.c.l., same basis.....lb. .25 - —
tanks, same basis.....lb. .23 - —
Furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., divd..lb. .27 - —
cans, works.....lb. .25 - —
Isobutyl, refd., dms., works..lb. .0790- —
tanks, same terms.....lb. .0690- —
Isopropyl, refd., 91%, dms., 5 gals., f.o.b. dest..gal. .06½- —
55 gals., c.l., same basis, gal. .35 - —
l.c.l., same basis...gal. .40 - —
tanks, frt. alld.....gal. .30 - —
99%, dms., 5 gals., same basis..gal. .65 - —
55 gals., c.l., same basis, gal. .38 - .42
l.c.l., same basis...gal. .42 - .47
tanks, same basis.....gal. .33 - .37
Methyl (see Methanol).
Phenylethyl, bots., cns.....lb. 2.30 - 2.35
Polyvinyl, type A, fiber-pack, 2,000 lbs. and over, f.o.b. cars, Niagara Falls..lb. .65 - —
less than 2,000 lbs.....lb. .70 - —
type B, fiber-pack, 2,000 lbs. and over, same basis..lb. .69 - —
less than 2,000 lbs.....lb. .65 - —
Propyl, normal, dms., works, gal. .70 - —
Octyl (see ethylhexyl alcohol).
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y.lb. .44 - —
450-lb. lots, same basis...lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., divd., lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .60 - .65
Aloe, Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .53 - .54
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .42 - .45
Aloin, 140-lb. bbls.....lb. 3.25 - 3.60
100-lb. kgs.....lb. 3.27 - —
25-lb. fib. dms.....lb. 3.34 - 3.64
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .90 Nom.
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
dlvd. N.Y., Phil...100 lbs. 3.50 - —
lump, bbls., works....100 lbs. 3.75 - —
dlvd. N.Y., Phil...100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
dlvd. N.Y., Phil...100 lbs. 3.90 - —
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point, dlvd. N.Y. price apply to truck or ex warehouse.
Potash, gran., bbls., works.... 100 lbs. 3.75 - —
dlvd. N. Y., Phila..100 lbs. 3.75 - —
lump, bbls., works....100 lbs. 4.00 - —
dlvd. N.Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
dlvd. N.Y., Phila..100 lbs. 4.15 - —
Potash alum prices on same basis as those for ammonia alum.
Potash, chrome, bbls.....lb. No price
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, tech., basic, powd., insoluble, bbls., 10 or more, dlvd...lb. .35 - —
1 to 9, dlvd.....lb. .40 - —
smaller containers...lb. .50 - —
soluble, bbls., dlvd....lb. .33 - —
smaller containers, dlvd. lb. .45 - —
solut., 32%, bbls., c.l., dlvd..lb. .09½- —
l.c.l., 10 or over, dlvd. lb. .11 - —
1 to 9, dlvd.....lb. .12 - —
normal, pwd., bbls., dlvd. lb. .22 - —
smaller containers, dlvd. lb. .35 - —
solut., 20%, bbls., c.l., dlvd..lb. .03 - —
l.c.l., 10 or over, dlvd. lb. .08½- —
1 to 9, dlvd.....lb. .09 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., works.....lb. .06½- .06¾
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
Formate, 30% solut., bbls., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —

Alumina, hydrate, light, bgs., c.l., dlvd..lb. .12 - —
l.c.l., bgs., dlvd.....lb. .12½- —
bbls., c.l., dlvd.....lb. .12½- —
l.c.l., bbls., dlvd.....lb. .13 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20¼- .21¼
Resinate, precip., dms., dlvd..lb. .15 - —
Stearate, precip., bbls., ctns., c.l...lb. .18 - —
l.c.l. .....lb. .19 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - —
l.c.l., works, frt. equaled.. 100 lbs. 1.40 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., works, frt. equaled. 100 lbs. 1.60 - —
iron free, bgs., c.l., works, 100 lbs. 1.60 - —
l.c.l., works.....100 lbs. 1.85 - —
bbls., c.l., works....100 lbs. 1.80 - —
l.c.l., works.....100 lbs. 2.05 - —
Aluminum, 98-99%, c.l.....lb. .17 - —
l.c.l. .....lb. .18 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .60½- —
ink, dms., 1,500 lbs.....lb. .70½- —
standard, dms., 1,500 lbs..lb. .37½- —
powder, lining, extra fine, dms., 1,500 lbs..lb. .91 - —
standard, dms., 1,500 lbs..lb. .57 - —
ritho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs..lb. .44 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1,500 lbs..lb. .39 - —
rubber compound, dms., 1,500 lbs..lb. .38 - —
unpolished, dms., 1,500 lbs. lb. .38 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .41 - —
extra fine, dms., 1,500 lbs.lb. .43 - —
standard, dms., 1,500 lbs..lb. .38 - —
Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 3c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.
Ambergris, gray, tins.....oz.15.00 -25.00
Aminom ethylpropanol, dms., works..lb. .50 - —
5 and 10-gal. cans, works..lb. .60 - —
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.22 - 4.35
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .32
dms., dlvd.....lb. .23 - .26
Aldehyde, dms., works.....lb. .65 - .70
Anhydrous, fertilizer, f.o.b. Belle, W. Va., frt. equal with Hopewell, Va.....ton.90.00 - —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., dlvd., met. N.Y., lb. .16 - —
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¾- —
l.c.l. .....lb. .02¾- —
tanks (on NH_3 content), f.o.b. works..lb. .04 - —
Benzoate, dms., kgs., 4,000 lbs. or more..lb. .40 - —
1,000 lbs. to 3,900 lbs....lb. .41 - —
900 lbs., or less.....lb. .42 - —
Bicarbonate, dms., dlvd., Met. N.Y..lb. .0564- .0614
Bichromate, bbls.....lb. .50 - .52
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .31 - —
bxs. .....lb. .84 - .85
kegs .....lb. .32 - —
Carbonate, lump, dms., dlvd., Met. N.Y..lb. .08¼- .09¼
cns., same basis.....lb. .14¼- —
powdered, 1c. per lb. higher.
Chloride, tech., (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
30-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .84 - .85
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.23 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —
Oxalate, neutral, powd., bbls., kgs..lb. .19 - .25
pure gran.....lb. .32 - —
Perchlorate, kgs.....lb. No stocks
Persulphate, kgs., dom.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bbls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works, unit-ton. 1.55 & .79
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08¾- .09¼
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Silicofluoride, bbls.....lb. .11½- .15
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., contr., f.o.b. cars, ports, Jan.-June shipt..ton.29.00 - —
spot, same basis.....ton.30.00 - —
Ammonia sulphate prices are $1 per ton less than above prices f.o.b. cars nearest inland producing oven.
Sulphide, liquid, 40-45%, basis 100%, dms, c.l., works..lb. .07½- —
l.c.l., divd.....lb. .15 - —
tanks, dlvd.....lb. .07½- —
Red, 43%, cbys., works....lb. .06 - —
dms., works.....lb. .06 - —
yellow, 33%, cbys., works..lb. .08 - —
dms., works .....lb. .06 - —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
tech., kgs.....lb. .40 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l. 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works...100 lbs. 4.45 - —
l.c.l., same basis....100 lbs. 5.15 - —
import, cska.....100 lbs. No prices

Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .11¼- —
l.c.l., dlvd.....lb. .12 - —
tanks, dlvd.....lb. .10¼- —
cns., works.....lb. .16 - .18
ex Pentane, dms., c.l., frt. alld..lb. .115 - —
l.c.l., frt. alld.....lb. .125 - —
tanks, frt. alld.....lb. .10½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0565- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, 5 lbs., bots.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .28 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .35 - .40
import., natural, bls.....lb. 1.75 - 1.80
twisted, bls.....lb. 1.95 - 2.00
Angostura bark, bls.....lb. .30 - .32
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.10 - 1.15
Angelica root, dom., bls.....lb. .35 - .40
import., natural, bls.....lb. 1.75 - 1.80
twisted, bls.....lb. 1.95 - 2.00
Angostura bark, bls.....lb. .30 - .32
Anilin oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Bulgarian, bgs.....lb. .21 - .21½
Cyprus, bgs.....lb. .21 - .21½
Mexican, bgs.....lb. .21 - .21½
Star .....lb. .23 - .24
Anisic aldehyde, bots.....lb. 2.85 - 2.90
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, brown, Bolivian, 67%.. lb. .16 - —
Chinese, black, 70%.....lb. .25 Nom.
Oxide, bgs., c.l., dlvd.....lb. .12 - .13
l.c.l., dlvd.....lb. .13½- .14½
Salt, 65%, dms.....lb. .28 - —
bbls. .....lb. .36 - —
White pigment, bgs.....lb. .11½- .14½
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots.ox. 5.25 - 6.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. 2.00 Nom.
Root, bls.....lb. .55 - .57
Arrowroot, St. Vincent, powd. bgs..lb. .09 - .09½
bbls. .....lb. .09½- .10
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots..lb. 5.58 - —
jars .....lb. 5.42 - —
Red, import, cs.....lb. No prices
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03½- —
l.c.l. .....lb. .04¼- —
Asafetida, cs.....lb. .36 - .37
powd., bbls., bxs.....lb. .54 - .55
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l., (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons) Canad. mines—ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.26.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.24.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.20.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.17.50 - —
7M, bgs., c.l., (30 tons), Canad. mines..ton.15.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b. plant.....lb. .04½- —
smaller lots, f.o.b. plant, lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant..lb. .05 - —
smaller lots, f.o.b. plant, lb. .06 - —
California, dms., c.l., f.o.b. N.Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y...ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y., lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.00 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.32.90 - —
l.c.l., f.o.b. N. J. or N. Y., whse..ton.58.00 - —
jet, bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans, refinery...gal. .06 - —
Atropine, bots.....oz. 6.75 - 7.50
Sulphate, bots.....oz. 5.45 - 6.00

B

Balm of Gilead buds, bgs.....lb. .40 - .45
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....lb. No Prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 90% thru 200 mesh, bgs., c.l., works..ton.42.00 - —
precip., bgs., c.l., works..ton.46.00 - —
l.c.l., works.....ton.50.00 - —
bbls., c.l., works.....ton.50.00 - —
l.c.l., works.....ton.55.00 - —

Alcohol—Bismuth Trioxide

Barium carbonate, sulphur-free, c.l., works..ton.50.00 - —
l.c.l., works.....ton.55.00 - —
Chlorate, kgs.....lb. .45 Nom.
Chloride, CP, cryst., bbls....lb. .25 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky., and principal cities on west bank of Miss., north of Miss., north of Ark. line .....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis ton.90.00 - —
bbls., same basis...ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis...ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis...ton.96.00 - —
Zone 3, bgs., c.l. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton.87.00 - —
bbls., same basis...ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis...ton.102.00 - —
Zone 4, bgs., c.l. dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis.ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .15
Fluoride, bbls.....lb. .18 Nom.
Hydrate (see Hydroxide).
Hydroxide, bbls., works.....lb. .06¼- .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .08½- .10¼
Oxide, ungrd., dms., c.l., works, lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works....lb. .11 - .15
Peroxide (see Dioxide).
Silicofluoride, bbls.....lb. .12 - .16
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09¾- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis, ton.22.85 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York....ton.31.50 - —
Southern off color, bulk mines, ton.12.00 - —
95.75%, bulk mines.....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a...ton. No prices
l.c.l., ex whse.....ton. No prices
ungrd., bulk, c.l., ex dock.ton. No prices
Italian, grd., bbls., c.l., ex dock, t.a...ton. No prices
l.c.l., ex whse.....ton. No prices
Bauxite, bulk mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .15
Belladonna leaves, bls.....lb. 1.75 - 1.80
Root, bls.....lb. 2.00 Nom.
Bentonite, 200 mesh bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .45 - .50
N.F. VI, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see Benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .19 - —
tankcars, frt. alld. E. of Omaha, gal. .14 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .14 - —
Benzoyl chloride, cbys.....lb. .23 - .26
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cans....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., cans..lb. .84 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns.....lb. 4.15 - 5.50
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb.16.75 -17.25
Hydrochloride, cns.....lb.16.75 -17.25
Sulphate, cns.....lb.16.75 -17.25
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs.lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 8.20 - 8.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 2.49 - —
cns. .....lb. 2.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots....lb. 1.45 - —
cns. .....lb. 1.30 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib. dms.....lb. 1.13 - —
Subcarbonate, bots., cns.....lb. 1.82 - 2.06
fib. dms.....lb. 1.73 - 1.76
X-ray, 5-lb. bots.....lb. 2.02 - —
fib. dms.....lb. 2.96 - —
Subgallate, bots., cns.....lb. 1.77 - 2.06
fib. dms.....lb. 1.66 - 1.71
Subiodide, cns.....lb. 4.01 - —
fib. dms.....lb. 3.93 - —
Subnitrate, powd., bots., cns.lb. 1.67 - 1.86
fib. dms.....lb. 1.45 - 1.51
Subsalicylate, 90-95%, bots..lb. 2.20 - —
bbls., fib. dms.....lb. 2.09 - —
Subsubcarbolate, 5-lb. bots...lb. 2.61 - —
fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 2.20 - —
Trioxide, powd., 5-lb. bots....lb. 2.43 - —
cns. .....lb. 2.33 - —

Bism'th Ammo. Cit.—China Clay

Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .17 - —
l.c.l., frt. alld. E.....lb. .17½- —
3, bbls., bgs., c.l., frt. alld. E., lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
4, bbls., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E., lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
6, bbls., bgs., c.l., frt. alld. E., lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E., lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E., lb. .11 - —
l.c.l., frt. alld. E.....lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants..lb. .03075- —
f.o.b. North Atlantic ports..lb. .03950- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .07025- —
dlvd..lb. .07025- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .02925- —
f.o.b. North Atlantic ports..lb. .02925- —
l.c.l., bgs. or cartons, f.o.b. whse..lb. .06525- —
dlvd..lb. .06525- —
bulk, cars, c.l., f.o.b. plants, lb. .02¾- —
f.o.b. New York harbor..lb. .0363- —
All carbon black prices are for delivery in August-September.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .08½- —
2, bbls., l.c.l., works.....lb. .08 - —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .15 - —
l.c.l., works.....lb. .16 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y..lb. .05½- —
works..lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
Black dyes are listed under Dyes.
Black Haw, root bark, bls....lb. .29 - .30
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .23
Blanc fixe, dry, by-product, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
direct process, bgs., c.l., works, frt. equald..ton.70.00 - —
l.c.l., same basis..ton.75.00 -90.00
pulp, 66⅔%, bbls., c.l., works, ton.35.00 - —
l.c.l., works.....ton.42.50 - —
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.50 - —
high-grade, gr., 16-17 ammon., bulk, f.o.b. Chicago, unit-ton. 2.65 - —
import, bgs., c.l.f. ports, ship..unit-ton. 2.45 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .80 - .90
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, contracts..lb. .33 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, contracts..lb. .33 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis, contracts..lb. .33 - —
Molybdated, Victoria, same basis, contracts..lb. 3.15 - —
Peacock, concentrated, same basis, contracts..lb. .52 - —
regular, same basis, contracts, lb. .35 - —
Potash, dom., bbls., same basis, contracts..lb. .42 - —
Prussian, bbls., same basis, contracts..lb. .33 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.16 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equald..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Blue, ultramarine, dlvd., ex whse., is 1c. higher; Pac. Coast, ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls., 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis, alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blue mass, USP, cns., tubs..lb. 1.67 - 1.84
powd., cns., dms.....lb. 1.60 - 1.62
Bluestone (see Copper sulphate).
Blue vitriol (see Copper sulphate).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.30.00 -32.00
import, bgs., c.l.f. ports..ton.32.00 -32.50
Bone, meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.33.00 -35.00
import, bgs., c.l.f. ports..ton.31.50 - —
Phosphate, recip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.35.00 - —
import, 1% ammon., 65-70% phos., bgs., c.l.f. ports..ton.34.50 - —
Boneset leaves, bls.....lb. .08¼- .09
Borage flowers, bls.....lb. .35- .45
Borax, tech., 99½% gran., bulk, c.l., frt. alld..ton.40.50 - —
bgs., c.l., frt. alld.....ton.43.00 - —
ton lots, ex whse....ton.54.00 - —
less than ton lots, ex whse..ton.59.00 - —
bbls., c.l., frt. alld.....ton.53.00 - —
ton lots, ex whse....ton.64.00 - —
less than ton lots, ex whse..ton.69.00 - —
bgs., c.l., frt. alld...ton.48.00 - —
ton lots, ex whse....ton.59.00 - —
less than ton lots, ex whse..ton.34.00 - —
bbls., c.l., frt. alld....ton.58.00 - —
ton lots, ex whse....ton.69.00 - —
less than ton lots, ex whse..ton.74.00 - —
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., frt. alld. E. of Rockies..lb. .25 - —
single pkg., same basis..lb. .30 - —
Bromoform, USP, 100-lb. lots, bots..lb. 1.50 - —
cbys.....lb. 1.42 - —
Bromstyrol.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls.....lb. .12 - .13
Brown, iron oxide, para precip., cks., f.o.b. N.Y..lb. .11½- —
Metallic, iron oxide, bbls., wks. lb. .02½- —
paper bgs., c.l., works.....lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .13 - —
2, bbls., same basis....lb. .12 - —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09½- —
6, bbls., same basis....lb. .09 - —
7, bbls., same basis....lb. .08¾- —
8, bbls., same basis....lb. .08½- —
9, bbls., same basis....lb. .08 - —
10, bbls., same basis....lb. .08 - —
11, bbls., same basis....lb. .07½- —
12, bbls., same basis....lb. .07 - —
13, bbls., same basis....lb. .06¾- —
14, bbls., same basis....lb. .06½- —
raw, American, bbls., f.o.b. works..lb. .02½- —
Italian, Group 1, bbls., f.o.b. N.Y. or works..lb. .13¼- —
2, bbls., same basis....lb. .12 - —
3, bbls., same basis....lb. .12½- —
4, bbls., same basis....lb. .10½- —
5, bbls., same basis....lb. .10½- —
6, bbls., same basis....lb. .09¾- —
7, bbls., same basis....lb. .09½- —
8, bbls., same basis....lb. .08 - —
9, bbls., same basis....lb. .07½- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .05¾- —
Umber, American, bbls., works, lb. .03½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N.Y..lb. .04½- —
St. Louis.....lb. .05 - —
l.c.l., ex car Los Angeles, Portland, San Francisco, Seattle..lb. .05¼- —
ex whse, Los Angeles, Portland, San Francisco, Seattle..lb. .05½- —
Boston.....lb. .04¾- —
Chicago, Indianapolis, New Orleans..lb. .05¼- —
Kansas City.....lb. .05¾- —
Minneapolis.....lb. .0535- —
Pittsburgh.....lb. .05 - —
Vandyke, bbls., l.c.l.....lb. No price
Walnut crystals, bbls.....lb. .06½- —
Brucine, 100 oz., cns.....oz. .15 - —
Sulphate, 100 oz., cns.....oz. .12 - —
Bryonia root, bls.....lb. .28 - .30
Buchu leaves, bls.....lb. .62 - .65
Buckthorn bark, true, bls.....lb. .80 Nom.
cut and sifted, bbls.....lb. No price
Berries, bgs.....lb. .35 - .40
Burdock root, bls.....lb. .35 - .40
Burgundy pitch, dom., dms...lb. .06 - .06½
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., cns., wks. lb. .14½- .16½
dms., c.l., frt. alld.....lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
tankwagons, frt. alld...lb. .09¼- —
secondary, dms., c.l., frt. pd. E. of Miss. R..lb. .08¼- —
dms., l.c.l., same terms..lb. .08¾- —
tanks, same terms.....lb. .07¼- —
Alcohol (see Alcohol)—
Aldehyde, dms., c.l. works...lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Chloride, normal, dms., c.l., works..lb. .20 - —
l.c.l.....lb. .22 - —
Crotonate, normal, 55-gal. dms., dlvd..lb. .35 - —
5-gal. cns.....lb. .75 - —
1-gal. cns.....lb. 1.00 - —
Ether (see under Ether).
Lactate, dms.....lb. .23½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks.....lb. .15½- —
Stearate, dms.....lb. .28½- —
Butyric ether, bots.....gal. 6.50 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Mem., N. Y.....lb. .60 - —
Butane, comL., 16-34°, tanks, group 3..gal. .02½- .02

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more..lb. 1.56 - —
single, jars.....lb. 1.61 - —
5-lb. bots.....lb. 1.75 - —
Cyanide, 25-lb. bots., dlvd...lb. 3.00 - —
25-lb. cks., dlvd.....lb. 3.50 - —
Cadmium iodide, 5-lb. bots....lb. 4.19 - —
25-lb. cans.....lb. 4.05 - —
Lithopone (see Yellow).
Metal, pat., shapes, cs.....lb. .95 - —
ingots or sticks.....lb. .80 - —
Red (see Red).
Selenide (see Red).
Sulphite (see Yellow).
Caffeine, 10,000 lbs. or more, 100 lb. dms..lb. 2.60 - —
25 lb. dms.....lb. 2.63 - —
10 lb. cns.....lb. 2.65 - —
2,000 lbs. or more, 100-lb. dms..lb. 2.65 - —
25 lb. dms.....lb. 2.68 - —
10 lb. cns.....lb. 2.70 - —
1,000 lbs. or more, 100 lb. dms., lb. 2.70 - —
25 lb. dms.....lb. 2.73 - —
10 lb. dms.....lb. 2.75 - —
100 lbs. or more, 100-lb. dms.lb. 2.80 - —
25 lb. dms.....lb. 2.83 - —
10 lb. cns.....lb. 2.85 - —
less than 100 lbs., 10 lb. cns..lb. 3.15 - —
5 lb. cns.....lb. 3.10 - 3.25
Citrated, bots.....lb. 2.30 - 2.35
Hydrobromide, bots.....lb. 5.29 - 5.37
Calabar beans, bgs.....lb. .25 - .30
Calamus root, peeled, N. F., cs., lb. No prices
bleached, bls.....lb. 1.00 - 1.25
Calcium acetate, bgs., dlvd., 100 lbs. 1.90 - —
Arsenate, bgs., c.l.....lb. .06½- —
l.c.l.....lb. .06¾- —
Southern cotton states, dms., c.l..lb. .06 - —
l.c.l.....lb. .06¼- —
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowances for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled..lb. .65 - —
50 lbs., works.....lb. .67 - —
25 lbs., works.....lb. .70 - —
Carbide, dms., c.l., dlvd.100 lbs. 4.75 - —
l.c.l., f.o.b. warehouse.100 lbs. 4.85 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dms., 77-88%, dms., c.l., dlvd..ton.20.50 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.63 - 2.35
liquor, basis 40%, tanks, works..ton. 7.50 - —
solid, dom., 73-75%, dms., c.l., dlvd..ton.19.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.53 - 2.25
Gluconate, USP, gran., 150-lb. bbls..lb. .50 - —
dms.....lb. .55 - .57
cns.....lb. .68 - .85
Powd., 2c. per lb. higher.
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 4.04 - 4.19
Lactate, USP, bbls., 200 lbs..lb. .24 - .25
Mandelate, dense, dms.....lb. 2.15 - 2.30
fluffy, dms.....lb. 2.00 - 2.15
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports, ton. No prices
Palmitate, bbls.....lb. .22 - .24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton. No prices
tribasic, c.l., bbls., works..lb. .0835- —
l.c.l., bbls.....lb. .0705- —
Resinate, precip., bbls., 1 ton lib. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .20½- —
l.c.l., ton.....lb. .22½- —
Sulphate (see Gypsum).
Sulphide, 70%, CaS, bgs., c.l., works..ton.46.00 - —
80%, CaS, bgs., c.l., wks..ton.51.00 - —
luminous, dom., tins, works, 100 lbs..lb. 1.25 - —
Sulphocarbolate, bbls., 200 lbs.lb. .47 - .48
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .75 - .80
Calomel, bbls., fib., dms., kgs., 50 lbs. or more..lb. 2.70 - —
Camphor, natural, powd., cs..lb. .82 - .83
slabs, cs.....lb. .82 - .83
tablets, tins.....lb. .87 - .88
synth., dom., tech., bbls., cks., tract, 2,000 lbs. or more, works..lb. .36 - —
smaller lots, works....lb. .41 - —
USP, or import, gran.,powd., bbls., 2,000-lb. lots..lb. .60 - —
1,000-lb. lots.....lb. .61 - —
smaller lots.....lb. .62 - —
tablets, 2,000-lb. lots....lb. .73 - —
1,000-lb. lots.....lb. .74 - —
smaller lots.....lb. .75 - —
Monobromate, bxs., kgs.....lb. 2.00 - 2.05
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs...lb. .0330- .0350
Morocco, bgs.....lb. .04 - .04½
Turkish, bgs.....lb. .0340- .0360
Canella alba bark, bls.....lb. .45 - .50
Cantharides, Chinese, cs.....lb. 1.50 - 1.60
powd., bxs.....lb. 1.75 - 1.85
Russian, cs.....lb. 2.25 - 2.30
powd., bxs.....lb. 2.50 - 2.55
Capsicum (see Pepper, red).
Caraway, Dutch, bgs.....lb. .45 - .46
Morocco, bgs.....lb. .40 - .42
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Carbinol, butyl, norm. (see Amyl alcohol, normal).
Dimethylethyl (see Amyl alcohol, tertiary).
Isobutyl (see Alcohol, isoamyl).
Carbon bisulphide, 55-gal. dms., c.l., frt. alld. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
Dioxide, cyls.....lb. .06 - .06
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld..gal. .06½- —
l.c.l., frt. alld.....gal. .75 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .90 - —
l.c.l., frt. alld.....gal. 1.00 - —
Zone 2, 52½-gal. dms., c.l., frt. alld..gal. .73 - —
l.c.l., frt. alld.....gal. .80 - —
5 or 10-gal. dms., c.l., frt. alld..gal. .97 - —
l.c.l., frt. alld.....gal. 1.07 - —
Zone 3, 52½-gal. dms., c.l., frt. alld..gal. .87 - —
l.c.l., frt. alld.....gal. .93 - —
Carbon tetrachloride, Zone 3, l.c.l., 5 or 10-gal. dms., c.l., frt. alld..gal. 1.10 - —
l.c.l., frt. alld.....gal. 1.20 - —
Carbon tetrachloride, Zone 4, 52½-gal. dms., c.l..gal. .83 - —
l.c.l.....gal. .90 - —
5 or 10-gal. dms.....gal. 1.07 - —
l.c.l.....gal. 1.17 - —
All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A. Cal.; S. F. Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W.Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.
Cardamom, bleached, cs.....lb. 1.15 - 1.50
decorticated, cs.....lb. .86 - .88
green, Ceylon, afloat, bgs...lb. .85 - .87
Carob bean flour (see Gum, Locust bean).
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .15 - .16
Case - hardening mixture, 30% lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .12¾- .13¾
5 tons, works.....lb. .14¼- —
smaller lots, works.....lb. .14¾- —
80-100 mesh, bgs., c.l.....lb. .13 - .14
5 tons, works.....lb. .13½- —
smaller lots, works.....lb. .14 - —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .12¼- —
80-100 mesh, bgs., c.l., duty paid..lb. .12¾- .12¾
French, 30 mesh, bgs., c.l., duty paid..lb. No prices
New Zealand, 20-30 mesh, c.l., bgs., duty paid..lb. No prices
Cassia, Batavia, No. 1, thin quill, bls..lb. .16½- .17
No. 1, regular, bls.....lb. .16¼- .16½
shortsticks, bls.....lb. .12¼- .13
broken, bls.....lb. .10½- .11
China, buds, bags.....lb. .12½- .13
Rolls, select, bls.....lb. .11 - .11½
broken, extra, bls.....lb. .09¾- .10¼
Saigon, No. 1, 4-10-4, bls....lb. .18¾- .19¼
10-6-2, bls.....lb. .19¼- .19¾
all thin, bls.....lb. .21 - .21½
Cassia fistula, bskts.....lb. .15 - .16
Castile soap, Italian, white, bars, 40-lb. cases..case.14.00 - —
powd., bbls.....lb. .33 - .36
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor beans, Brazilian, ship't., c&f. N.Y..ton.51.00 - —
Oil (see Oil, castor).
Pomace, dom., 6½% ammon., bgs., c.l., works..ton.15.00 - —
import, bgs., c.l.f. ports, shipment..ton. No prices
Celery seed, French, bgs.....lb. .65 - .67
Indian.....lb. .21½- .22½
Celluloid scrap (see Pyroxylin scrap).
Cellulose, acetate, flake, gran., lb. .39 - —
Acetate-butyrate, high (20-40% bntyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld. lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld.....lb. .47 - —
smaller pkgs, works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld.....lb. .43 - —
smaller pkgs, works.....lb. .44 - —
medium (10-10.9%), 100-lb. ctns., 5,000 lbs. and up, alld..lb. .43 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld.....lb. .45 - —
smaller pkgs, works.....lb. .46 - —
Acetate - propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld..lb. .45 - —
1,000-4,900 lbs., frt. alld.lb. .46 - —
100-900 lbs., frt. alld.....lb. .47 - —
smaller pkgs, works.....lb. .48 - —
low (up to 9.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .41 - —
1,000-4,900 lbs., frt. alld.lb. .42 - —
100-900 lbs., frt. alld.....lb. .43 - —
smaller pkgs, works.....lb. .44 - —
medium (10-19.9%), 100-lb. ctns., 5,000 lbs. and up, frt. alld..lb. .48 - —
1,000-4,900 lbs., frt. alld.lb. .44 - —
100-900 lbs., frt. alld.....lb. .45 - —
smaller pkgs, works.....lb. .46 - —
Triacetate, flake, frt. alld....lb. .30 - —
Cerium hydrate, dms., works..lb. .60 - —
oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b. works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. 1.00 - 1.25
Roman, bls.....lb. 2.00 Nom.
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.35.40 - —
Colo.....ton.32.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.35.80 - —
Ill. (except river point), Minn., Neb., Wis..ton.27.00 - —
Indiana.....ton.31.00 - —
Ill. (river points), Mo., Okla., Tex. (except El Paso), Ia.....ton.25.00 - —
Kansas, El Paso, Tex., ton.26.00 - —
Michigan.....ton.32.80 - —
Ohio.....ton.32.80 - —
Penn.....ton.34.80 - —
Utah.....ton.36.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works..lb. .02½- —
l.c.l., bbls., works.....lb. .02⅝- —
tanks, works.....lb. .01⅞- —
Chilies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works...ton. 7.00 - —
200 mesh, bgs., c.l., works..ton.8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.5%, 325 mesh, bulk, c.l., works..ton. 9.50 - —
paper bgs., c.l., works, ton.12.50 - —
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila...ton.18.00 -25.00
powd., cks., l.c.l., ex whse., ton.45.00 - —

Chloral hydrate, bots., 1,000 lbs., lb. .93 - 1.02
500 lbs. lb. .96 - 1.05
100 lbs. lb. .98 - 1.07
25 lbs. lb. 1.00 - 1.09
1-10 lbs. lb. 1.05 - 1.12
dms., 1,000 lbs. lb. .90 - —
500 lbs. lb. .93 - —
100 lbs. lb. .95 - —
Chlorinated rubber, standard, c.l., ctns., works. lb. .32 - —
100 lbs., ctns. lb. .35 - —
smaller lots. lb. .38 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y. lb. .05¼- —
contracts, dlvd., N. Y. lb. .05¼- —
l.c.l., dlvd., N. Y. lb. .07¼- —
tanks, single units, works, frt. equald. .100 lbs. 1.75 - —
multiple unit, 3 or over, works, frt., equald., 100 lbs. 1.90 - —
2, works, frt. equald., 100 lbs. 2.40 - —
1, works, frt. equald., 100 lbs. 2.90 - —
Chloracetophenone, tins, works. lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms. lb. .20 - —
100-lb. dms. lb. .22 - —
50-lb. dms. lb. .23 - —
USP, 650-lb. dms. lb. .30 - —
100-lb. dms. lb. .32 - —
50-lb. dms. lb. .33 - —
Chloropicrin, com'l, 180-lb. cyls., frt. alld. lb. .80 - —
100-lb. cyls., frt. alld. lb. .85 - —
25-lb. cyls., works. lb. 1.00 - 1.15
1-lb. bot., case 12, works. lb. 1.25 - —
Chrome acetate, powd., 24%, bbls., dlvd. lb. .13¼- —
solut. 8¼%, cs., bbls. lb. .05¾- —
Cake, bulk, c.l., works. ton. 16.00 - —
Green (see Green, chrome).
Oxide (see Green, chrome).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs. lb. .45 - —
scale, dms., 100 lbs. lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, 5-lb. bot. lb. 5.00 - —
Cinchona bark, quill, USP, 10 in., medium, cs. lb. .75 - .80
20 in., thick, cs. lb. .75 - .80
20 in., medium, cs. lb. .75 - .80
USP, broken quill, red, bgs., lb. .20 - .21
yellow, bgs. lb. .20 - .21
Cinchonidine, small crys., cns., 100 ozs. oz. .89 - —
Sulphate, N.F., cns. 100 ozs. oz. .65 - —
Cinchonidine buyers must pay a surcharge of 7c. per oz. to cover present war risk insurance, higher ocean freight rates and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchonine, small crys., cns., 100 ozs. oz. .62 - —
large cryst., cns. 100 ozs. oz. .66 - —
Sulphate, N.F., cns. 100 ozs. oz. .42 - —
Cinchonine buyers must pay a surcharge of 7c. per oz., to cover present war risk insurance, higher ocean freight rates and other expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Cinchophen, USP, 25-lb. fib. dms., lb. 3.60 - —
1 and 5-lb. bots. lb. 3.70 - 3.80
100 lbs., dms. lb. 3.50 - —
Cinnamic alcohol (see Alcohol, cinnamic).
Aldehyde, f.c.c., cbys. lb. .85 - .90
Cinnamon, Ceylon, 2 bls. lb. .15¾- .16¼
3 bls. lb. .15½- .16
Citral, bots., cns. lb. 1.40 - 3.10
Citrine ointment, jars. lb. .95 - .97
Citronellal, bots., dms. lb. .75 - .80
Citronellol, bots., dms. lb. 1.60 - 1.85
Clove, Amboyna, bgs. lb. .23 - .23¼
Madagascar lb. .16¼- .16¾
Zanzibar lb. .16 - .16½
Clover tops, red, bgs. lb. .35 - .40
dom., bgs. lb. .33 - .35
Coaltar, coal-gas, crude, bbls., c.l., works. bbl. 7.50 - 7.75
l.c.l., works. bbl. 8.25 - 8.50
tanks, works. gal. .07½- .09
refd., bbls., c.l., works. bbl. 8.00 - 8.25
l.c.l., works. bbl. 8.75 - 9.00
tanks, works. gal. .06½- .10
water-gas, crude, dms., c.l., works. dm. 7.50 - —
l.c.l., works. dm. 8.25 - —
refd., dms., c.l., works. dm. 8.00 - —
l.c.l., works. dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd., lb. .80¼- —
Carbonate, powd., bgs., works, lb. 1.58 - —
Chloride, kgs., works. lb. .35 - —
Hydrate, bbls. lb. 1.98 - —
Linoleate, paste, 5%, dms. lb. .31 - —
solid, 5¼%, bbls. lb. .33 - —
Oleate, bbls. lb. .25 Nom.
Oxide, black, kgs. lb. 1.84 - —
Resinate, fused A., bbls. lb. .13½- —
1 %, cobalt oxide, bbls. lb. .13 - —
2 %, cobalt oxide, bbls. lb. .14 - —
3½%, cobalt oxide, bbls. lb. .17½- —
precip., dms., dlvd. lb. .34 - —
Sulphate, dms. lb. .65 - —
Cocaine, hydrochloride, 100 ozs., cns., ozs. 9.75 - —
Cochineal, gray, bgs. lb. .37 - .38
Teneriffe, silver, bgs. lb. .38 - .39
Cocoa butter, bulk, c.l., bgs. lb. .13 Nom.
Cocillana bark, bgs. lb. .25 - .30
Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs. oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls. lb. .07 - .08
Blue, root, bls. lb. .07 - .08
Colchicine, bots., cns. oz. 22.00 -25.00
Colchicum seed, bgs. lb. 2.50 Nom.
Collodion, USP, dms., 325 lbs. lb. .12¼- —
cns., 25 lbs. lb. .16 - —
flexible, USP, dms., 325 lbs. lb. .14½- —
cns., 25 lbs. lb. .18 - —
Colocynth pulp, bls. lb. .55 - .56
Colombo root, bls. lb. .15 - .16
Coltsfoot leaves, bgs. lb. .35 - .40
Condurango bark, bgs. lb. .11 - .12
Conium leaves, bls. lb. .30 - .33
Copaiba, balsam, Para, cns. lb. .25 - .26
S.A., USP, cns. lb. .27 - .28
Copper acetate, normal, bbls., dlvd. lb. .22 - —
smaller containers, dlvd. lb. .24 - —
Carbonate, 52-54%, bbls. lb. .16¼- —
Chloride, cryst., bbls. lb. .16 - —
Cyanide, tech., bbls. lb. .34 Nom.
oxide, bots. lb. 5.15 - 5.19
Metal, electrolytic. lb. .12 - —
Nitrate, cryst., bbls. lb. .16¼- —
Oleate, precip., bbls. lb. .29 - —
Oxide, black, 79-80%, bbls., tons, works. lb. .18 - —
Red, com'l, 80-88%, kgs., f.o.b. N.Y. lb. .20½- —
Resinate, precip., bbls. lb. .15 - .16

Copper, sulphate, 99% cryst., bbls., c.l., f.o.b. works. 100 lbs. 4.75 - —
l.c.l., 10-50 bbls., same basis. 100 lbs. 4.90 - —
6-15 bbls., same basis. 100 lbs. 5.10 - —
1-5 bbls., same basis. 100 lbs. 5.35 - —
monohydrated, dms., c.l., dealers, f.o.b. works. 100 lbs. 9.30 - 9.55
l.c.l., dealers. 100 lbs. 10.30 -10.55
Copperas, cryst., gran., bgs., c.l., works. ton. 17.00 - —
bbls., c.l., works. ton. 20.00 - —
l.c.l., 25 or over, works. 100 lbs. 1.55 - —
1-4, works. 100 lbs. 2.00 - —
bulk, c.l., works. ton. 14.00 - —
Copra, Coast, shipt. lb. .0165 Nom.
Coriander, bgs. lb. .09 - .09½
bleached, bgs. lb. .10 - .10½
Corn sugar, tanners', chipped, bgs., c.l., dlvd. 100 lbs. 4.44 - —
slabs, bbls., c.l. 100 lbs. 3.36 - —
solid, bbls., c.l. 100 lbs. 3.48 - —
Syrup, 42°, bbls., c.l. 100 lbs. 3.47 - —
43°, bbls., c.l. 100 lbs. 3.52 - —
Cornsilk, bls. lb. .15 - .16
Corrosive sublimate, cryst., dms., 50 lbs. or more. lb. 2.19 - —
gran., powd., dms., 50 lbs. or more. lb. 2.04 - —
Cottonroot bark, bls. lb. .10 - .11
Cottonseed, hull ash, 32-36%, potash, bgs., dlvd., unit-ton. 1.10 -
meal, 8%, Southeast, mills. ton. 30.00 -31.50

Coumarin, 5 lbs., or more, 25-lb. cns. lb. 2.75 - 3.00
5-lb. cns. lb. 2.85 - 3.10
1-lb. cns. lb. 3.00 - 3.25
1-oz. cns. lb. 3.35 - 3.60
less than 5 dms., cns. lb. 4.15 - 4.65
Cramp, bark, genuine, bls. lb. .22 - .24
so-called, bls. lb. .06 - .07
Cranesbill root, bls. lb. .10 - .18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't. lb. .42½- —
smaller lots, bbls. lb. .43 - —
kgs. lb. .43½- —
Creosote, beechwood, bots. lb. No prices
hardwood, USP, bots. lb. .45 - .47
Pine, dms. gal. .28 - —
Carbonate, bots., cbys. lb. 1.90 - 2.20
Oil, crude, tanks, works. gal. .13¼- .14¼
Coaltar, solution, tanks, works, gal. .122 - .132
refd., bbls., l.c.l., works. gal. .25 - —
tanks, works. gal. .18 - .18¼
Cresol, USP, dms., c.l., works. lb. .09¾- —
l.c.l., same basis. lb. .10¼- —
special resin grade, dms., c.l., works. lb. .08¾- —
l.c.l., same basis. lb. .09¼- —
Crotonaldehyde, 97%, 55 and 110 gal., c.l., works. lb. .11 - —
l.c.l., works. lb. .12 - —
5 and 10 gal. dms., works. lb. .15 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N. Y. C. lb. .19 - .21
4% rotenone prices are 3c. per lb less.
Cubeb berries, XX, bgs. lb. .35 - .40
powd., cs. lb. .40 - .45

Chloral Hydrate—Degras

Culver's root, bls. lb. .16 - .17
Cumin seed, Morocco, bgs. lb. .19½- .20
Cyprus, bgs. lb. .19½- .20
Persian, bgs. lb. .18½- .19
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid. lb. .04½- —
Cyanamide, 22% N, pulv., bgs., dlvd., contracts, N. unit-ton. 1.40 - —
Cyanide-chloride, mixture, 45%, gran., dms. lb. .10¾- —
lump, dms. lb. .09¾- —
75%, gran., dms. lb. .15 - —
Cyclohexane, 98-100%, dms., dlvd. lb. .17 - —
Cyclohexanol, 98-100%, dms., dlvd. lb. .36 - —
Cyclohexanone, 98-100%, dms., dlvd. lb. .40 - —

D

Damiana leaves, bls. lb. .16 - .17
Dandelion root, German, bls. lb. .75 - .80
Decanol, normal, tech., 800 lbs., dms., dlvd. lb. .35 - —
Desertongue leaves, bls. lb. .12 - .14
Degras common, dom., bbls. lb. .03 - .03½
neutral, dom., bbls. lb. .13¼- .16¼

Dow Now Offers

To the Pharmaceutical Trade a Number of Valuable Alkyl Bromide Intermediates, Among Which Is

ISOPROPYL BROMIDE

a clear, colorless, mobile liquid with a mildly sweet odor

Boiling range, 5-95%..... 58.5-60.5°C.
Specific gravity at 25/25°C..... 1.304
Index of refraction at 25°C..... 1.422
Flash point..... None

Isopropyl Bromide is used in the preparation of Isopropyl derivatives of Barbituric Acid and for other products requiring the presence of the Isopropyl Group.

DOW PHARMACEUTICAL PRODUCTS INCLUDE:

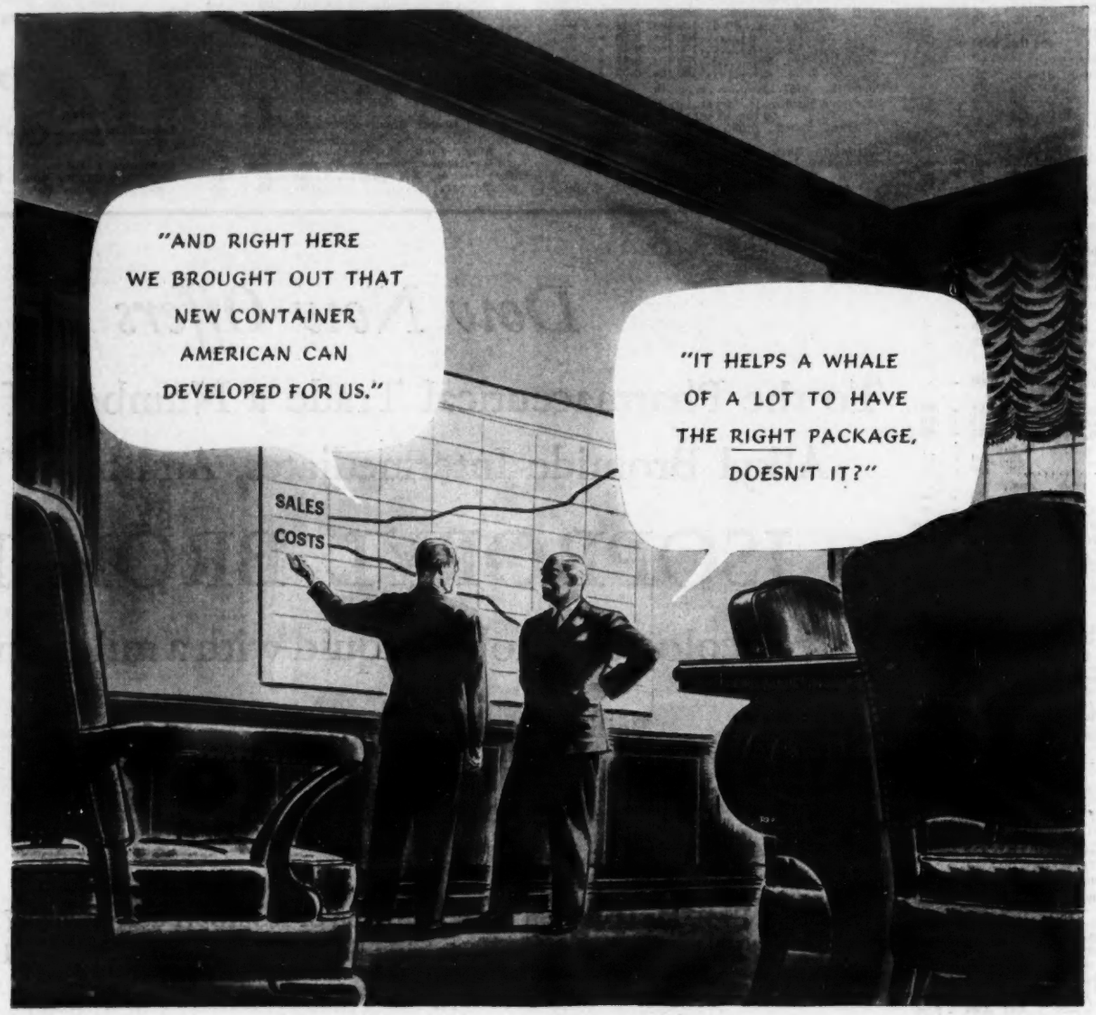
Acetanilid, U.S.P.
Acetphenetidin, U.S.P.
Acetyl Salicylic Acid, U.S.P.
Acetyl Salicylic Acid, Granulation with Starch
Ammonium Bromide, U.S.P.
Ammonium Salicylate, U.S.P.
Antipyrene, U.S.P.
Benzoic Acid, U.S.P.
Bromoform, U.S.P., IX
Calcium Bromide, U.S.P.
Camphor, Monobromated, N.F.
Carbon Tetrachloride, C.P.
Chloroform, U.S.P.
Epsom Salt, U.S.P., Recrystallized
Ethyl Chloride, U.S.P.
Ferric Chloride, Crystals, U.S.P., X
Ferric Chloride Solution, U.S.P.
Glycine, Medicinal
Hydrobromic Acid, U.S.P. IX Quality
Iodine
Lithium Bromide, N.F.
Magnesium Salicylate
Magnesium Sulphate, Desiccated
Methyl Salicylate, U.S.P.
Phenol, U.S.P.
Potassium Bromide, U.S.P.
Potassium Iodide, U.S.P.
Salicylic Acid, U.S.P.
Salol, U.S.P.
Sodium Acetate, U.S.P.
Sodium Benzoate, U.S.P.
Sodium Bromide, U.S.P.
Sodium Salicylate, U.S.P.
Strontium Bromide, N.F.
Strontium Salicylate, N.F.
Tetrachlorethylene, Purified
2,4,6-Tribromphenol
Trichloracetic Acid, U.S.P.

Be sure to attend the Drug, Chemical and Allied Trades Banquet on March 13th at the Waldorf Astoria Hotel, New York City.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

Branch Sales Offices: New York City, St. Louis, Chicago, San Francisco, Los Angeles, Seattle.

DOW


"AND RIGHT HERE WE BROUGHT OUT THAT NEW CONTAINER AMERICAN CAN DEVELOPED FOR US."
"IT HELPS A WHALE OF A LOT TO HAVE THE RIGHT PACKAGE, DOESN'T IT?"
SALES
COSTS

American Can's research laboratories, and engineering and development staffs, are searching constantly for ways to help increase sales of a wide variety of products . . . through better quality-protection . . . through greater convenience and popular appeal. We may have ideas *you* can use to stimulate sales. Write us your problems today.

CANCO

AMERICAN CAN COMPANY, 230 PARK AVENUE, NEW YORK, N. Y.
104 SO. MICHIGAN AVE., CHICAGO · 111 SUTTER ST., SAN FRANCISCO

Derris root, powd., 5% rotenone, bbls., f.o.b. N. Y.....lb. .21 - .23
4% rotenone prices are 3c. per lb. less.
Derris, extract, 25% rotenone, bulk, cns..lb. 3.00 - 4.00
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 4.10 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.20 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.85 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.05 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.80 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.00 - —
Potato, imoort, bgs.....lb. No stocks
Diacetone (see under Alcohol).
Diacetyl, bots.....lb.10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .086 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .21 - —
l.c.l., dlvd.....lb. .21½- —
tanks, dlvd.....lb. .20 - —
Sulphide, dms., l.c.l., works.lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l., works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l.....lb. .20 - —
Diatomaceous earth, dom., natural, bgs., c.l., f.o.b. Pacific cst..ton.22.00 -25.00
l.c.l. ex whse.....ton.45.00 - —
purified, bgs., c.l., f.o.b. Atlantic seaboard.....ton.35.00 -39.00
l.c.l., ex whse.....ton.85.00 -90.00
chemically pure, bgs., c.l., f.o.b. Atlantic seaboard.lb. .06 - —
l.c.l., ex whse.....lb. .10 - .16
import, bgs., c.l., c.i.f...ton. No prices
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l.....lb. .51 - .53
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .45 - .47
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (See Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0221- —
l.c.l.....lb. .04 - —
tanks.....lb. .023 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylcarbonate, coml., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Oxalate, dms., l.c.l., dlvd....lb. .27 - —
Phthalate, dms., c.l., frt. alld, lb. .19 - —
l.c.l.....lb. .19½- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylaniliu, dms.....lb. .40 - —
Diethyleneglycol, cmas., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .35 - .40
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works.lb. .19 - —
Dilseed, recleaned, bgs.....lb. .09½- .09¾
Dimethyl phthalate, dms., c.l., dlvd..lb. .13½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylaniliu, dms., c.l.....lb. .22 - —
l.c.l., dms.....lb. .24 - —
Dimethylamine, dms., c.l., dlvdlb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls., 80° min..lb. .13 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
dest., dist., dms.....gal. .45 - .48
tanks.....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns....lb. .50 - .55
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Dimethylethyl carbinol (see Carbinol).
Divi-divi, Columbian.....ton.32.00 - —
Venezuelan.....ton.35.00 - —
Doggrass root, cut, N.F., bls..lb. .60 - .65
Dogwood bark, Jamaica, bls.lb.lb. .08 - .10
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1 cns..lb.13.50 - —
FD&C blue, No. 2, cns....lb.13.50 - —
FD&C green, No. 2, cns....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
Green, FD&C green, No. 1, cns, lb.13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.05 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 2, cns.....lb. 2.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 6.50 - —
FD&C yellow, No. 2, cns...lb. 2.65 - —
FD&C yellow, No. 4, cns...lb. 2.05 - —
FD&C yellow, No. 5, cns...lb. 3.15 - —
FD&C yellow, No. 6, cns...lb. 3.15 - —

Dyes, coaltar (certified colors), for drugs and cosmetics:—
Black, D&C black, No. 1.....lb. 8.35 - —
Blue, D&C blue, No. 6.....lb.13.50 - —
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 5, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns...lb.15.35 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C red, No. 17.....lb. 8.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 23.....lb.12.35 - —
D&C red. No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors), for external use drugs and cosmetics:—
Blue, Ext.D&C blue, No. 1, cns. lb.12.35 - —
Green, Ext.D&C green, No. 1, cns..lb.12.35 - —
Red, Ext.D&C red, No. 1, cns..lb.10.35 - —
Ext.D&C red, No. 3.....lb.21.35 - —
Ext.D&C red, No. 6.....lb. 7.35 - —
Ext.D&C red, No. 10, cns...lb.12.35 - —
Ext.D&C red, No. 13, cns...lb.12.35 - —
Yellow, Ext.D&C yellow, No. 1, cns...lb. 8.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .90 - 1.00
165 Lake red C.....lb. .70 - .80
170 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
Sulphur tan.....lb. .30 - .50
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
290 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
416 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B...lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
592 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .85 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .53
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p.c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur yellow.....lb. .20 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
865 Nigrosin derivatives..lb. .33 - .63
Blue:—
1076 Alizarin astrol base...lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
Orange, red shade....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .33 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
231 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base..lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
97 Amidoazotoluene yellow, lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS....lb. 2.00 - —
Violet:—
680 Methyl violet base....lb. .95 - —
Dyes, coaltar, water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B....lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y.....lb. .65 - —
235 Resorcin dark brown R, lb. .65 - —
331 Bismarck brown G....lb. .40 - .52
332 Bismarck brown R....lb. .50 - .53
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B.....lb. 1.00 - —
607 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
824 Methylene green B....lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .57 - —
27 Orange G.....lb. .50 - —
151 Orange I.....lb. .80 - —
161 Orange R.....lb. .84 - —
31 Amidonaphthol red G..lb. .42 - —
37 Amidonaphthol red 6B, lb. .66 - —
79 Popceau R.....lb. .42 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Asorubin .....lb. .60 - .62
183 Crocein scarlet 3BX...lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M....lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.80 - —
786 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .85 - —
Yellow:—
10 Naphthol yellow S....lb. .38 - —
132 Metanil yellow.....lb. .53 - —
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow...lb. 1.15 - —
640 Tartrazin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .60 - .62
imported .....lb. .56 - .59
Elder flowers, bright, bls.....lb. .55 - .60
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .19 - .22
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots...oz.22.00 -23.00
Ephedra, bls.....lb. .12 - .13
Ephedrine, U.S.P., hemihydrate, tins, 1,000 oz...oz. .70 - —
100 ozs.....oz. .80 - —
anhyd., dms., 1,000-oz. lots.oz. .75 - —
100-oz. lots.....oz. .85 - —
Hydrochloride, tins, 1,000-oz. lots..oz. .55 - —
tins, 100-oz. lots.....oz. .65 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. .53 - —
tins, 100-oz. lots.....oz. .63 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —
kgs., c.l.....100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 1.65 - 1.70
Eserine, bots.....oz.50.00 -60.00
Salicylate, bots.....oz.42.00 -54.00
Sulphate, bots.....oz.42.00 -54.00
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .25 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., 310 lb. dms., lb. .11 - —
cns., 27 lbs.....lb. .14 - —
Synth., dms., c.l., works....lb. .10 - —
l.c.l., works.....lb. .11 - —
tanks .....lb. .08 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
95-98%, dms., c.l., frt. alld.lb. .07¾- —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .06¾- —
N.F., 460-lb. dms.....lb. .10 - —
cns., 35 lbs.....lb. .14½- —
Acetoacetate, dms., c.l., wks.lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55-gal. dms., dlvd., lb. .35 - —
1-gal. cns.....lb. 1.00 - —
5 and 10-gal. dms., dlvd....lb. .75 - —
Formate, cns., dms.....lb. .25 - .26
Iodide, bots.....lb. 2.50 - 3.60
Lactate, 55-gal. dms., works..lb. .35½- —
5-gal. dms., works.....lb. .37½- .39½
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns....lb. 6.00 - —
5-lb. lots, cns.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
5,000 lbs. or more, frt. alld., lb. .47 - —
500 lbs. or more, frt. alld., lb. .48 - —
100 to 499 lbs., frt. alld..lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene, dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0603- —
West of Rockies, same basis..lb. .0743- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0746- —
West of Rockies, same basis..lb. .0732- —

Derris Root—Glue, Bone

Ethyleneglycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l., works..lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- .18½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11½- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .78 - .80
Eucalyptus leaves, bls.....lb. .11 - .13
Eugenol, cns., dms.....lb. 1.75 - 2.00
Euphorbia, bls.....lb. .08 - .09

F

Feldspar, enamel, 190 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -12.25
l.c.l., minimum 2 tons..ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N. C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons.ton.20.00 -23.00
Fennel seed, Argentine, bgs...lb. .13 - .16½
Indian, bgs.....lb. .12½- .14
French, bgs.....lb. .35 Nom.
German, large, bgs.....lb. .33 Nom.
Roumanian, bgs.....lb. .14 - .14½
Fenugreek seed, bgs.....lb. .05 - .05½
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs. or over, works..lb. .12 - —
smaller lots, works....lb. .13 - —
light, cs., 1,000 lbs. or over, works..lb. .13 - —
smaller lots, works....lb. .15 - —
water white, cs., 1,000 lbs. or over, works..lb. .14 - —
smaller lots, works....lb. .15 - —
Fir balsam, Canada, cns.....gal.16.00 -16.50
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .26 - .27
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures...unit-ton. 3.25 Nom.
meal, bgs., f.o.b. Balto...ton.50.00 Nom.
6-7% ammon., 8% phosphor. acid, bulk, Sc. Atlantic factories, contracts....unit-ton. 2.50 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports. Jan. shipt..ton. No prices
spot...ton. No prices
Flake white, dom., bbls.....lb. .09 - —
kegs .....lb. .11 - —
Flaxseed, French, black, bgs...lb. .55 - .60
Indian, blonde, bgs.....lb. .09 - .10
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton.29.00 - —
washed gravel, 85.5 f.o.b. Ky. and Ill.-Ky. mines..net ton.29.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..net ton.29.00 - —
imported, 85.5, duty paid, short ton. No prices
Formaldehyde, bbls., c.l., works, lb. .0350- —
l.c.l., works.....lb. .06 - —
dms., c.l., works.....lb. .0615- —
l.c.l., works.....lb. .0635- —
tanks, works.....lb. .04 - —
Fringetree bark, bls.....lb. .14 - .15
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga. mines...ton.13.00 - —
import, bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices
Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works.....lb. .15½- —
l.c.l., works.....lb. .18 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms. incl., dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls.....lb. .24 - .26
liquid, bbls.....lb. .10½- .14
solid, dms.....lb. .19 - .21

G

G salt, bbls.....lb. .45 - —
Galangal root, bls.....lb. .11 - .12
Gambier, common, cases.....lb. .06½- .07
plantation, cases.....lb. .11 Nom.
Cubes, Singapore, cases....lb. .08½- .09
extract, bbls.....lb. .09½- .12
Gasoline at refinery:—
Bayonne, US motor, tanks, ex tax..gal. .05½- .06½
California (f.o.b. San Francisco), regular, trucks, tax incl..gal. .13½- —
Gulf Coast, US motor, 70-72 octane, tanks, ex tax..gal. .03½- .03½
Louisiana-Arkansas, US Motor, 72-74 octane, tanks, ex tax..gal. .04½- .04½
Oklahoma-Texas, US motor, 72-74 octane, tanks, ex tax, gal. .04½- .04¾
natural, 18-55, tanks....gal. .02¾- .02¾
26-70, tanks.....gal. .02 - .02¾
Gelatine, silver, cs.....lb. .60 - .67
Gelsemium root, bls.....lb. .14 - .15
Gentian root, bls.....lb. .50 - .55
grd., bbls., bxs.....lb. .54 - .59
powd., bbls., bxs.....lb. .55 - .60
Geraniol, cns., dms.....lb. .60 - 2.00
Ginger, African, No. 1, bgs....lb. .07¼- .07¾
Cochin, lemon, bgs.....lb. .10¾- .11¼
Jamaica, bold, bgs.....lb. .12½ Nom.
medium, bgs.....lb. .11 Nom.
grinding, bright, bgs.....lb. .09½ Nom.
Japanese, bgs.....lb. No stocks
Ginseng root, wild Southern, cs. lb.12.00 -12.60
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.10
5 tons or over, works, 100 lbs. 1.05 - 1.25
less than 5 tons, works, 100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
86/88 bgs., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .14 - —
58/82 bgs., c.l., dlvd.....lb. .15 - —
l.c.l., dlvd.....lb. .15½- —

Glue, Bone—Isopropyl Ether

Glue, bone, 82/108 millipoise, bgs., c.l., dlvd..lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
Hide, calcimine, type, 55 millipoise, 135 jellygrams, bgs., c.l., dlvd., East Middlewest..lb. .17 - —
l.c.l., same basis....lb. .17½- —
60/104, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19 - —
67/122, bgs., c.l., same basis, lb. .19½- —
l.c.l., same basis.....lb. .20 - —
75/222, bgs., c.l., same basis..lb. .22½- —
l.c.l., same basis.....lb. .23½- —
88/261, bgs., c.l., same basis, lb. .23½- —
l.c.l., same basis.....lb. .24½- —
92/283, bgs., c.l., same basis, lb. .24½- —
l.c.l., same basis.....lb. .25½- —
102/315, bgs., c.l., same basis..lb. .25½- —
l.c.l., same basis.....lb. .26 - —
113/347, bgs., c.l., same basis..lb. .26 - —
125/379, bgs., c.l., same basis..lb. .27 - —
l.c.l., same basis.....lb. .28 - —
Glue prices for barrel packing, ½c. lb higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms., c.l., dlvd.....lb. .12½- —
l.c.l., dlvd.....lb. .15 - —
tanks, dlvd.....lb. .12½- —
dynamite, dms.....lb. Nominal
high gravity, dms., c.l., dlvd..lb. .12 - —
l.c.l., dlvd.....lb. .12½- —
tanks, dlvd.....lb. .11¾- —
saponification, bases 88%, for industrial users, special colors, dms. returnable, c.l., dlvd..lb. .09½- —
l.c.l., same basis....lb. .10¾- —
tanks.....lb. .08¾- —
for refiners, dms., returnable, tanks, dlvd..lb. .08½- .08¾
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¼- .07¾
Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol borborate, dms.....lb. .22 - —
Pathalate, dms.....lb. .26 - —
Stearate, dms.....lb. .26 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots...oz.20.75 -21.00
Yellow, bots.....oz.18.75 -19.00
Gold-soda chlorice, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, med., bgs.....lb. .16 - .16½
Goldenseal, root, bls.....lb. 2.65 - 2.70
powd., bxs.....lb. 2.95 - 3.00
Grains of paradise, bgs.....lb. .44 - .45
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
amorph., powd., 90%, 325 mesh, 65% graphite carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house.....lb. .04¾ Nom.
white .....lb. .05 Nom.
yellow .....lb. .04¾ Nom.
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis..lb. .23 - —
Blue content, 11-15%, bbls., same basis..lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25¼- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28¼- —
46-50%, bbls., same basis.lb. .30 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ¼c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 6%, same basis..lb. .06 - —
9-10%, bbls., same basis, lb. .06¾- —
11-13%, bbls., same basis, lb. .07¼- —
14-16%, bbls., same basis, lb. .07½- —
17-19%, bbls., same basis, lb. .07¾- —
20-21%, bbls., same basis, lb. .08 - —
22-23%, bbls., same basis, lb. .08¼- —
24-25%, bbls., same basis, lb. .08½- —
26-27%, bbls., same basis, lb. .08¾- —
28-29%, bbls., same basis, lb. .09¼- —
30-31%, bbls., same basis, lb. .10 - —
32-33%, bbls., same basis, lb. .11¼- —
34-35%, bbls., same basis, lb. .12¼- —
36-40%, bbls., same basis, lb. .14¼- —
41-45%, bbls., same basis, lb. .16¼- —
46-50%, bbls., same basis, lb. .16¾- —
51-55%, bbls., same basis, lb. .17¼- —
56-60%, bbls., same basis, lb. .17¾- —
61-65%, bbls., same basis, lb. .18¼- —
66-70%, bbls., same basis, lb. .19¼- —
71-75%, bbls., same basis, lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .26 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .25
Tetrahydroxide, bbls.....lb. .55 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 2.50 - —
emerald, kgs.....lb. 2.35 - —
Verdigris (see V).

Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .09 - .10
Guaiac resin, cs.....lb. .30 - .32
strained, cs.....lb. .80 - .85
Wood, bls.....lb. .04 - .05
Guaiacol, liq., dms.....lb. 1.65 - 1.67
Carbonate, fib. dms., 25 lbs...lb. 2.40 - 2.74
Guarana powd., cs.....lb. 1.20 - 1.28
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber, sorts, cleaned, bgs..lb. .14 - .15
white, sorts, 1, bgs.....lb. .35 - .38
powd., bbls.....lb. .18 - .20
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.65 - 1.75
Sumatra, cs.....lb. .19 - .20
Camphor (see C).
Chicle, prime, 32% moisture, bgs., ton lots..lb. No prices
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .49¼- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices on 30,000 lbs. min. apply to assorted lots of gums as well as one grading; c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
2, water white, bgs., c.l., same basis.....lb. .29½- —
3, selected pale straw bold, bgs., c.l., same basis.lb. .34½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw ooid, bgs., c.l., same basis..lb. .22¾- —
6, pale amber bold, bgs., c.l., same basis.....lb. .21½- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis.lb. .13¾- —
10, rescraped hard amber, bold, bgs., c.l., same basis..lb. .13¾- —
11, hard dark amber bold, bgs., c.l., same basis.lb. .13¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .11¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .09¼- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09½- —
17, pale, fingers, bgs., c.l., same basis..lb. .18¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .19½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .18¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .13¼- —
21, ordinary selected nubs, c.l., same basis..lb. .12¾- —
22 small mixed nubs, bgs., same basis..lb. .10¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .11¾- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis..lb. .09½- —
26, pale small nubs, c.l., same basis..lb. .10¾- —
27, pale small nubs, bgs., c.l., same basis..lb. .10¼- —
28, pale dust, bgs., c.l., same basis..lb. .06¾- —
Batu, bold scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .06 - —
chips, bgs., c.l., same basis, lb. .05¼- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .05¼- —
black, bold, scraped, bgs., c.l., same basis..lb. .08¾- —
unscraped, bgs., c.l., same basis..lb. .05¾- —
nubs and chips, bgs., c.l., same basis..lb. .06½- —
Hiroe Macassar, pale bold, bgs., c.l., same basis..lb. .12¾- —
chips, bgs., c.l., same basis, lb. .06¾- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis..lb. .10½- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis, lb. .06¼- —
dust, bgs., c.l., same basis, lb. .05¼- —
nubs, bgs., c.l., same basis..lb. .11 - —
Manila, Boeas, amber and dark, bakts., c.l., same basis..lb. .13¾- —
light, bakts., c.l., same basis..lb. .15¾- —
Loba A, bakts., c.l., same basis..lb. .11¼- —
B, bakts., c.l., same basis, lb. .11¼- —
C, bakts., c.l., same basis, lb. .11¼- —
CNB, bakts., c.l., same basis..lb. .08½- —
D, bakts., c.l., same basis, lb. .12¾- —
DK, bakts., c.l., same basis, lb. .08 - —
dust, bakts., c.l., same basis..lb. .06 - —
Sambas and white split chips, bakts., c.l., same basis..lb. .15¾- —
Singapore, dust, bakts., c.l., same basis..lb. .06 - —
Spirit-soluble, CBB, bakts., basis..lb. .10¾- —
DBB, bakts., c.l., same basis..lb. .10 - —
MA, bakts., c.l., same basis, lb. .07¾- —
MB, bakts., c.l., same basis, lb. .07¼- —
WS, bakts., c.l., same basis, lb. .10 - —
A/D, cs., c.l., same basis, lb. .13¾- —
Philippine, Manila, amber sorts, bakts., c.l., same basis..lb. .08 - —
chips, pale, bakts., c.l., same basis..lb. .11¾- —
pale, small, bakts., c.l., same basis..lb. .09 - —
extra pale sorts, bakts., c.l., same basis..lb. .10½- —
nubs, bakts., c.l., same basis..lb. .13½- —
Gum copal, Philippine, Manila, pale, scraped, bakts., c.l., same basis..lb. .14¾- —
seeds and dust, bakts., c.l., same basis..lb. .06¾- —
Pontianak, bold, genuine bgs., same basis..lb. .15¾- —
mixed, bgs., c.l., same basis, lb. .14¾- —
split, bgs., c.l., same basis, lb. .13¾- —
chips, bgs., c.l., same basis, lb. .10 - —
nubs, bgs., c.l., same basis, lb. .12¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21¾- —
A/C, cs., c.l., same basis.lb. .15¼- —
A/E, cs., c.l., same basis.lb. .12¾- —
B, cs., c.l., same basis...lb. .30¼- —
C, cs., c.l., same basis...lb. .14¾- —
D, cs., c.l., same basis...lb. .13½- —
dust, cs., c.l., same basis.lb. .07¾- —
E, cs., c.l., same basis...lb. .10 - —
F, cs., c.l., same basis...lb. .08 - —
Singapore, 1, cs., c.l., same basis..lb. .16¾- —
2, cs., c.l., same basis....lb. .12¼- —
3, cs., c.l., same basis....lb. .07½- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis.lb. .07¼- —
seeds, cs., c.l., same basis.lb. .09¾- —
Elemi, cns., c.l., same basis as copal..lb. .06¼- —
Xster, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del. and Md. 75,000 lbs., contrs. or single shipt., 10,000 lbs. .....lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06¼- .07
dlvd. Western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va. and N. C., 75,000 lbs., contrs. or straight, c.l..lb. .06¾- .07
dlvd. elsewhere, 75,000 lbs., contrs. or straight, c.l..lb. .07 - .07½
l.c.l. same basis.....lb. .07¼- .07¾
Euphorbium, cs.....lb. .50 - .55
Galbanum, cs.....lb. 1.05 - 1.10
Gamboge, pipe, cs.....lb. .75 - .80
powd., bbls.....lb. .80 - .85
Ghatti, soluble, bgs.....lb. .11 - .16
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms.....lb. .14 - .38
Kauri, brown, XXX, cs., c.l.lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .30 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80%, chips, cs., c.l., same basis..lb. .12¾- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis...lb. .41 - —
2, cs., c.l., same basis...lb. .24 - —
3, cs., c.l., same basis...lb. .17¾- —
Kino, tins.....lb. No prices
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs.....lb. 1.50 - 1.60
Myrrh, USP, cs.....lb. .45 - .50
Olibanum, siftings, cs.....lb. .09 - .10
tears, cs.....lb. .20 - .25
Opium (see O).
Rosin (see R).
Sandarac, cks.....lb. .50 - .55
Scammony, cs.....lb. 1.10 - 1.15
Talha, bgs.....lb. .14 Nom.
Thus, bbls.....250 lbs.15.00 -15.25
Tragacanth, Aleppo, 1 cs....lb. 3.50 - 3.75
2 cs.....lb. 3.35 - 3.60
3 cs.....lb. 2.90 - 3.10
Yacca, bgs.....lb. .03¼- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
Harlem River, N. Y., frt. equald..ton.18.00 - —
New Brighton, N. Y., frt. equald..ton.27.65 - —
Southard, Oklahoma, frt. equald..ton.17.00 - —
Sweetwater, Texas, frt. equald..ton.21.45 - —
Plaster of Paris, paper bgs., f.o.b. Blue Rapids, Kans., frt. equald..ton.12.50 - —
Acme, Tex., frt. equald.ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.18.00 - —
Southard, Oklahoma, frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
stucco, paper bgs, c.l., f.o.b. Acme, Tex.; Akron, N.Y.; Blue Rapids, Kan.; Clarence Center, N. Y.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; Harlem River, N. Y.; National City, Mich.; New Brighton, N. Y.; Plasterco, Va.; Portsmouth, N. H.; Roton, Tex.; Saltville, Va.; Southerd, Okla.; Sweetwater, Tex., frt. equald., ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald.....ton.12.00 - —
import, bgs., ex dock....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .35 - .40
Hellotropin, cryst., cns.....lb. 3.00 - 3.20
Hellebore root, white, powd., bbls., lb. .18 - .19
Helonias root, bls.....lb. .53 - .55
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03¼- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works.....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .06¼- .06¾
Henbane leaves, bls.....lb. 1.75 Nom.
Henna leaves, bls.....lb. .20 - .22
powd., bbls., bxs.....lb. .25 - .27
Heptane, mixed, 77-115°C., dms., c.l., Group 3...gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 5..gal. .11½- —
l.c.l., Group 5.....gal. .17 - —
tanks, Group 5.....gal. .09 - —
Hexaldehyde, normal, dms., l.c.l., works..lb. 1.10 - —
Hexalin (see Cyclohexanol).
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipments, f.o.b. Perth Amboy or N.Y.C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .38 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Hexane, normal, tanks, Group 3, gal. .09¾- —
dms., c.l., dlvd., Group 3..gal. .24 - —
l.c.l., 5 or more, dlvd, Group 3..gal. .29 - —
1-5, dlvd., Group 3.....gal. .38 - —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexanol, dms., l.c.l., works....lb. .26 - —
Hematropine hydrobromide, 25 oz. bots...oz.15.00 -15.25
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit 2.70 - 2.80
Hops, N.F., bls.....lb. .20 - .21
Horehound, bls.....lb. .15 - .16
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs...oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.21.75 - —
Hydrastinine, 15 grs., bots...bot. 1.95 - —
Hydrastis (see Golden seal).
Hydrofluramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .06¾- .04
100 vols., cbys., E. of Miss. River; West Coast via Panama canal..lb. .16 - .18¼
Hydroquinone, dealers, bbls., dms. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.65.00 -75.00
Hydrochloride, bots.....oz.65.00 -75.00
Hyoscyamine, bots.....oz.21.25 -22.25
Hydrobromide, bots.....oz.21.25 -22.25
Sulphate, bots.....oz.21.25 -22.25
Hypernic, ext. liquid, 50°, bbls. lb. .14 - —

I

Iceland moss, bls.....lb. .25 - .27
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 2.14 - 2.20
synth., liq., bbls.....lb. .16¼- .19
powd., bbls.....lb. .74¾- .85
Indium metal.....oz.12.50 - —
Indol, CP, bots.....lb.82.00 -84.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs....lb. 1.67 - —
kgs., 150 lbs., less cyl., ex whse, Staten Island..lb. 1.35 - 1.44
resubl., bots., 5 lbs.....lb. 1.85 - —
jars, 50 lbs.....lb. 1.75 - —
tincture, USP, bbls., 47 gals.gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars .....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.75 - 2.80
extra, bots.....lb. 3.75 - 3.80
beta, bots.....lb. 3.10 - 3.15
beta, bots.....lb. 3.90 - 3.95
Ipecac root, bgs.....lb. 1.05 - —
powd., bxs.....lb. 1.20 - —
Irish moss, ordinary, bls.....lb. .25 - .28
powd., 80-90 mesh, bbls..lb. .35 - .38
prime bleached, bls.....lb. .32 - .35
Iron acetate, N. F., IV, 100-lb. cbys..lb. .13 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 300-lb. dms...100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.00
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs., works, frt. alld. or equald..lb. .07½- .09
liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07¼- —
kegs .....lb. .08½- —
solut. cbys., works, frt. alld. or equald..lb. .06½- .07
djns.....lb. .07½- —
Citrate, USP VIII, pearls...lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., bgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 3.15 - 3.32
syrup, djns.....lb. .59 - .72
bots.....lb. .53 - —
nitrate, red, tech., dms....lb. .03½- .04
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .86
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, 200-lb. bbls.....lb. .35 - —
25-lb. bxs.....lb. .40 - —
100-bl. kgs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .65 - .75
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls.....lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .35 - .36
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .36
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib. dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib. dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutylacetate, 65 - gal. dms., works..lb. .0790- —
tanks, works.....lb. .0690- —
Propionate, dms., works.....lb. .09½- —
Isopentane, 50-gal. dms., single, works..gal. .45 - —
10-gal. dms., single, works..gal. .55 - —
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .11 - —
55 gals., c.l., E. of Rockies, frt. alld..lb. .07½- —
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .08 - —
tanks, E. of Rockies, frt. alld..lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gals., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gals., c.l., W. of Miss., frt. alld..gal. .32 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .26 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jaborandi leaves, bls.....lb. .11 - .12
Jalap root, *NF*, bls.....lb. .28 - .30
powd., bbls., bxs.....lb. .30 - .32
resin, lump, 100-lb. lots, cns.lb. 5.85 - —
powd., bxs.....lb. 5.90 - —
Juniper berries, bgs.....lb. .60 - .80

K

Kamala, tins.....lb. .28 - .30
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0530- .0550
California (f.o.b. San Francisco), truck..gal. .11½- —
Gulf ports, p.w., bulk.....gal. .07½- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03⅝- .04¼
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅝- .04½
Pennsylvania, 45 w.w., tanks, gal. .05 - .05¼
Kieserite, cal., 94-96% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 6.50 - 6.75
Middlewestern, trcs....100 lbs. 5.40 - 5.50
Neutral, trcs.....100 lbs. 7.00 - 7.25
Western, choice, trcs..100 lbs. 5.50 - 5.60
Compound, trcs.....100 lbs. 8.50 - 8.75
Larkspur seed, bgs.....lb. 1.60 - 1.70
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .32 - .34
Turkish, bls.....lb. No stocks
Lavender flowers, ordinary, bls.lb. .50 - .55
medium, bls.....lb. .55 - .60
select, bls.....lb. .65 - .70
Lead acetate, white, broken, bbls., lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l.....lb. .09½- —
l.c.l., bgs.....lb. .10 - —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic sulphate, bbls., c.l., divd. E..lb. .06¼- —
divd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., divd. E.....lb. .06½- —
divd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Lead, chloride, pure, bots., 5 lbs., lb. .62 - —
fls. dms., 25 lbs.....lb. .40 - —
Iodide, *NF* V, powd., 5-lb. bots., lb. 2.00 - —
jars.....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .10 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Oleate, bbls.....lb. .18½- .20
Peroxide, powd., bbls., tech..lb. .23 - —
red, dry, 95% or less, Pb_3O_4, bbls., c.l. (20 tons), divd. Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash.....lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, divd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. Cascade Mts. in Ore. and Wash..lb. .08¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09- —
other points.....lb. .08½- —
smaller lots, Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), divd., Ala., etc...lb. .08½- —
other points.....lb. .08¾- —
l.c.l., 5 tons, divd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
smaller lots, divd. Ala..lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09½- —
98%, Pb_3O_4, bbls., c.l. (20 tons, divd., Ala., etc...lb. .08¾- —
other points.....lb. .08½- —
l.c.l., 5 tons, divd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
smaller lots, divd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
in oil, 95% min., 100-lb. kgs..lb. .12½- —
Resinate, fused 15%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
Silicate, bgs., 5 tons.....lb. 6.38 - —
smaller lots.....lb. 6.80 - —
Stearate, bbls.....lb. .35 - —
Sulphate (see Lead, white basic sulphate).
Lead, titanate, bgs. or bbls., c.l. (20 tons), works, frt. alld., lb. .10¼- —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10½- —
Pac. Cst., ex whse....lb. .10½- —
smaller lots, E. frt. alld..lb. .10⅝- —
Pac. Cst., ex whse....lb. .10⅝- —
White, dry, basic carbonate, bbls., c.l., divd., Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07⅞- —
other points.....lb. .07½- —
l.c.l., divd., Ariz., etc..lb. .08 - —
other points.....lb. .07⅞- —
basic sulphate, bbls., c.l., divd., Ariz., etc..lb. .06¾- —
other points.....lb. .06½- —
l.c.l., divd., Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
in oil, 100-lb. kgs., consumers, lb. .12¾- —
dealers.....lb. .10¾- —
painters.....lb. .11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b., N. Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l., same l.c.l., same basis..lb. .47½- .65
grades 2 or 3, dom., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grade 2 or 3, dms., c.l., same basis..lb. .87½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.
Lemon peel, bls.....lb. .13 .15
Licorice extract, mass, cs....lb. No prices
powd., bbls.....lb. No prices
root, cuttings, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .12 .13
select, bdls., cs.....lb. .50 - .60
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa.....ton. 8.50 - —
Crab Orchard, Tenn..ton. 6.25 - —
Eagle Mountain, Va..ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 8.50 - —
Newala, Ala.....ton. 6.25 - —

Jaborandi—Lime-Sulphur

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Rincon, Cal.....ton. 13.00 - —
Ripplemead, Va.....ton. 7.00 - —
Riverton, Va.....ton. 7.00 - —
San Francisco, Cal..ton. 13.00 - —
Scioto, Ohio.....ton. 6.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bags, f.o.b.
Bellefonte, Pa.....ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton. 10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa....ton. 8.00 - —
Crab Orchard, Tenn..ton. 9.00 - —
Eagle Mountain, Va..ton. 9.00 - —
Farnams, Mass.....ton. 8.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton. 10.00 - —
Le Roy, Minn.....ton. 10.00 - —
Lime Crest, N. J....ton. 8.50 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton. 14.50 - —
Manistique, Mich....ton. 9.00 - —
Marblehead, Ohio....ton. 9.50 - —
Martinsburg, W. Va..ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton. 12.00 - —
Ripplemead, Va.....ton. 9.00 - —
San Francisco, Cal..ton. 16.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
Carey, Ohio.....ton. 11.00 - —
Farnams, Mass.....ton. 9.50 - —
Gibsonburg, Ohio....ton. 11.00 - —
Lime Crest, N. J....ton. 8.50 - —
Marblehead, Ohio....ton. 11.00 - —
Scioto, Ohio.....ton. 10.00 - —
Woodville, Ohio.....ton. 11.00 - —
York, Pa.....ton. 9.00 - —
Lime salts (see Calcium).
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .09½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .09¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, Zone 1, dms., consumers..gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .16
Zone 3, tanks, dealers, divd., gal. .07½- —
30-50 dms.....gal. .10½- .14½
Zone 4, tanks, dealers, wks., gal. .09 - —
dms., wks., except Cal.gal. .12 - —

Lecithin
(Vegetable)

Now available in either Soya Bean Oil or Cocoa Butter carrier for prompt delivery direct from factory.

For Export, packed in 100-lb. crated steel-strapped cans or 450-lb. open-head drums.

Our Lecithin is manufactured exclusively from American raw materials by an American process in an American plant.

Inquiries for these and other chemicals are invited.

TARTARIC ACID • CREAM OF TARTAR • ROCHELLE SALT
CITRIC ACID • SAPONIN • ACID ANHYDRIDE
ETHYLENE DIAMINE • SODIUM PERBORATE

NEUBERG CHEMICAL CORPORATION
441 LEXINGTON AVENUE, NEW YORK CITY • TELEPHONE MURRAY HILL 6-1990

Lime-Sulphur—Naphthalene

Lime-sulphur, solution, Zone 5, tanks, dealers, dlvd.....gal. .10½- —
dms.....gal. .12 - —
Zone 6, tanks, dealers....gal. .07½- —
30-50 dms.....gal. .10 - .14

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1: includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States, Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minn., Mo., and Tenn. west of Tenn. River; Penn., eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Fla.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 2.75 - 3.30
Linalyl acetate, cns.....lb. 3.15 - 3.25
Linden flowers, with leaves, bis.lb. .45 - .50
without leaves, bis.....lb. .50 Nom.
Linseed cake, bgs., export...ton.21.00 - —
meal, bgs.....ton.27.00 -28.00
Litharge, com'l powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Other points.....lb. .07 - —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore., and Wash..lb. .07¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
Colo., Mont., N. Mex., Wyo..lb. .08 - —
Other points.....lb. .07¼- —
smaller lots, dlvd., Ala..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08¼- —
Other points.....lb. .08 - —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.96 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb. bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Lithopone, titanated (high-strength), bgs., c.l. (20 tons)..lb. .05¼- —
smaller lots.....lb. .05½- —
bbls., c.l., (20 tons).....lb. .05½- —
smaller lots.....lb. .05¾- —
ordinary, bgs., c.l. (20 tons)..lb. .0385- —
smaller lots.....lb. .0410- —
bbls., c.l. (20 tons).....lb. .0410- —
smaller lots.....lb. .0435- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .60 - .65
Lobelia, herb, bls.....lb. .20 - .21
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .20 - .24
liquid, 51°, bbls.....lb. .10½- .12½
solid, bxs.....lb. .16½- .20½
Lovage root, dms., bls.....lb. .45 - .50
imported, bls.....lb. .45 Nom.
Lupulin, N. E., tins.....lb. 1.65 - 1.70
Lycopodium, cs.....lb. 4.50 - 4.75

M

Mace, Banda, cs.....lb. .45¼- .46
Batavia, cs.....lb. .23 - .23½
Siaauw, cs.....lb. .30 - .31
West Indian, cs.....lb. .31 - .32
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia, arsenate, dms.....lb. .18 - .20
Calcined, tech., USP, bbls., wks..lb. .26 - —
Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07¼- —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
Zone 2, c.l., bgs.....lb. .06¼- —
bbls.....lb. .07½- —
kgs.....lb. .08¾- —
l.c.l., bgs.....lb. .07 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
USP, Zone 1, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09 - —
bbls.....lb. .09¼- —
kgs.....lb. .10¾- —
Zone 2, c.l., bgs.....lb. .08 - —
bbls.....lb. .08½- —
kgs.....lb. .09¾- —
l.c.l., bgs.....lb. .09¼- —
bbls.....lb. .09½- —
kgs.....lb. .10¾- —
Other points.....lb. .08 - —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., D. of C., Del. and Md., c.l., shipments, frt., equald., with Phillipsburg, Ambler, Plymouth Meeting, Valley Forge, and New York. On l.c.l. shipments, frt. alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U.S.; prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Magnesium, chloride, anhyd., dom., bbls., dlvd..lb. .18 - —
flake, dom., bbls., wks., c.l., tons.22.00 - —
l.c.l., bbls., wks.....ton.30.00 -42.00
Hydroxide, med., 200-lb. bbls., lb. .25 - —
25-lb. dms.....lb. .30 - —
100-lb. kgs.....lb. .26 - —
Hypophosphate, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls.....lb. .38 Nom.
Peroxide, 10%, dms., works..lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .12 - .11¼
Magnesium stearate, bbls., ctns., c.l...lb. .23 - —
1 ton.....lb. .24 - —
1,000-2,000 lbs.....lb. .25 - —
smaller lots.....lb. .26 - —
Sulphate (see Epsom salt).
Trisilicate, 1,000-lb. contracts, dms..lb. .40 - —
smaller lots, dms.....lb. .45 - —
cs., 500-lb. lots.....lb. .42 - —
100-lb. lots.....lb. .45 - —
5-lb. cns.....lb. .65 - —
Magnesite, cal., dom., bgs....ton.65.00 -70.00
imports, bgs., duty paid...ton.70.00 Nom.
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.22.00 -35.00
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Malva flowers, black, bls.....lb. .90 - .95
blue, bls.....lb. .90 - .95
Leaves, bls.....lb. .40 - .45
Manaca root, bls.....lb. .22 - .24
Mandrake root, bls.....lb. .12 - .13
Manganese acetate, dms.....lb. .26¼- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .19 - —
Chloride, bbls.....lb. .14 Nom.
Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, c.l.....ton.71.50 - —
5-15 tons, works.....ton.74.50 - —
½, 4 tons, works.....ton.79.50 - —
Caucasian, 85-90%, bbls., c.l., works..ton.74.00 - —
l.c.l., 5 tons, works....ton.77.00 - —
smaller lots, works..ton.82.00 - —
burlap bgs., c.l., works, ton.71.75 - —
l.c.l., 5 tons, works..ton.74.75 - —
smaller lots, works.ton.79.75 - —
paper bgs., c.l., works.ton.70.00 - —
l.c.l., 5 tons, works..ton.73.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.80 - —
smaller lots.....lb. 3.00 - —
cns., 25 lbs.....lb. 3.12 - —
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., 5 lbs.....lb. 5.55 - —
jars, 25 lbs.....lb. 5.70 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls...lb. .19 - —
Ore, Cuban, 51-52%, basis Atl. ports..unit-ton. .71 Nom.
Resinate, fused, 3½%, bbls..ton. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd, ton lots, works..lb. .10½- —
single bbls., works..lb. .10¾- —
fertilizer, 66%, $MnSO_4$, bgs., c.l., dlvd., South..ton.57.00 - —
l.c.l., bgs.....ton.65.00 -75.00
Mangrove bark, bgs., shipt...ton.34.00 - —
Manna flake, large, cs.....lb. 2.00 Nom.
small, cs.....lb. 1.80 Nom.
Mannitol, com'l grade, bbls., ton lots, works..lb. .38 - —
smaller lots, works.....lb. .45 - —
reagent grade, 50-lb. cs. or multiples, works..lb. .90 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, No. 1.....lb. .52 - .54
Tunisan, bls.....lb. .33 - .35
Chilean.....lb. .11 - .11½
Menthol, natural, Chinese, cs..lb. 3.60 - 3.70
Japanese, cs.....lb. 4.00 - 4.10
synthetic, tech., cs.....lb. 2.50 - —
USP, cs.....lb. 3.25 - —
liquid, dms., 50 lbs.....lb. 1.50 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.44 - —
25 lbs.....lb. 1.46 - —
50%, pails, 50 bs.....lb. 2.09 - —
25 lbs.....lb. 2.11 - —
Mercury (see Quicksilver).
Ammoniated (see White precipitate).
Bichloride (see Corrosive sublimate).
Bisulphate, 5-lb. bots.....lb. 3.02 - —
100-lb. fib. dms.....lb. 2.89 - —
25-lb. jars.....lb. 2.91 - —
Chloride (see Calomel).
Cyanide, cryst.....lb. 4.00 - 4.05
powd.....lb. 4.05 - 4.10
Iodide, red, NF, 5-lb. bots...lb. 4.71 - —
100-lb. fib. dms.....lb. 4.60 - —
yelow, 5-lb. bots.....lb. 4.81 - —
fib. dms., 100 lbs.....lb. 4.70 - 4.75
Nitrate ointment (see Citrine ointment).
Oxide, red, NF (see Red precipitate), tech. (see Red, mercury oxide), yellow, dom., tech., bbls...lb. 2.66 - —
USP, fib. dms., 50 lbs. or more..lb. 3.18 - —
Mercury and chalk, 5-lb. ctns...lb. 1.98 - —
25-lb. fib. dms.....lb. 1.86 - 1.88
Mesityl oxide, dms., works.....lb. .20½- —
Mesityl oxide, dms., c.l., dlvd...lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
tanks, dlvd.....lb. .15 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in...pkg. 1.50 - 1.75
composition, 5½x5¼ in....pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in. pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -23.00
3⅜x5⅞ in.....pkg.24.50 -25.00
silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroparatoluidin, bbls....lb. 1.05 - 1.10
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, natural, producer group A, denat., grade tanks...gal. .40 - —
97%, tanks.....gal. .30 - —
95%, tanks.....gal. .29 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

natural, producer group B, pure, tanks, frt. alld. Zone 1, gal. .30 - —
Zone 2.....gal. .32 - —
Zone 3.....gal. .34 - —
Zone 4.....gal. .34½- —
dms., c.l., Zone 1.....gal. .35½- —
Zone 2.....gal. .37½- —
Zone 3.....gal. .39½- —
Zone 4.....gal. .41½- —
l.c.l., Zone 1.....gal. .38 - —
Zone 2.....gal. .45½- —
Zone 3.....gal. .42 - —
Zone 4.....gal. .53½- —

Methanol, natural, producer, group B, 95%, frt. alld., prices 2c. less than pure, all zones.
97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore.; zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

Methanol, synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
2, frt. alld.....gal. .37½- —
3, frt. allid.....gal. .39½- —
4, frt. allid.....gal. .41½- —
l.c.l., Zone 1, frt. allid. or dlvd..gal. .38 - —
2, frt. allid. or dlvd..gal. .45½- —
3, dlvd., S. F. and L. A., gal. .42 - —
4, frt. allid. or dlvd..gal. .53½- —
tanks, Zone 1, frt. allid..gal. .30 - —
2, frt. allid.....gal. .32 - —
3, frt. allid.....gal. .34 - —
4, frt. allid.....gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; san Francisco, Cal.; also (c.l. only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11¼- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09½- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd., E. of Miss. R..lb. .07¼- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd., E. of Miss. R, lb. .06 - —
W. of Miss. R.....lb. .07 - —
Acetoacetate, dms., c.l., works, frt. alld..lb. .20½- —
Acetone, natural, group A producers, E. of Rockies, frt. alld., tanks..gal. .32 - —
dms., c.l., same basis...gal. .37½- —
l.c.l., same basis...gal. .40 - —

Methyl acetone prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Methyl acetone, natural, group B producers, tanks, Zone 1.gal. .32 - —
Zone 2.....gal. .34 - —
Zone 3.....gal. .36 - —
Zone 4.....gal. .36½- —
dms., c.l., Zone 1.....gal. .37½- —
Zone 2.....gal. .39½- —
Zone 3.....gal. .41½- —
Zone 4.....gal. .43½- —
l.c.l., Zone 1.....gal. .40 - —
Zone 2.....gal. .47½- —
Zone 3.....gal. .44 - —
Zone 4.....gal. .55½- —

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Idaho, Wash.

Synthetic, tanks, zone 1....gal. .34 - —
Zone 2.....gal. .42 - —
Zone 3.....gal. .45½- —
dms., c.l., zone 1.....gal. .36 - —
Zone 2.....gal. .44 - —
Zone 3.....gal. .48 - —
l.c.l., Zone 1.....gal. .37 - —
Zone 2.....gal. .45½- —
Zone 3.....gal. .48½- —

Alcohol (see Methanol).
Anthranilate, bots.....lb. 2.10 - 2.25
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Bromide, cyl. .....lb. .65 - .75
Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 490 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers. lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are on 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bis.....lb. 2.75 - 3.25
Formate, dms.....lb. .89 - —
Lactate, dms., l.c.l., dlvd....lb. .80 - —
Iodide, bots.....lb. 3.68 - 3.82
Salicylate, dms.....lb. .35 - .37
cns.....lb. .37 - .40
Molybdated violet toner, bbls..lb. .35 - —
Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
smaller containers, same basis, lb. .28 - —
Methylcellulose, dms, c.l., works, lb. .47 - —
2,000 lbs. or more, works, lb. .50 - —
100 to 1,999 lbs., works..lb. .55 - —
1 to 99 lbs., works.....lb. .60 - —
Methylcyclohexane, 98-100%, dms., dlvd..lb. .17 - —
Methylcyclohexanol, 98-100%, dms., dlvd..lb. .26 - —
Methylcyclohexanone, 98 - 100%, dms., dlvd..lb. .40 - —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - .07½
l.c.l., same terms.....lb. .07½- .08
tanks, same terms.....lb. .06 - .06¼
Methylheptenone, bots.....lb. 2.45 - 3.00
Methylhexyl ketone, dms., tech., works..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .70 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphthyl ketone, dom., crys., bots..lb. 2.95 - 3.50
imp., bots.....lb. 3.10 - —
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh., containers extra, same basis..ton.11.00 - —
250 mesh., containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
Metronite, pigment, 325 mesh, containers extra, c.l., same basis..ton.15.00 - —
l.c.l., same basis.....ton.17.00 - —
400 mesh, containers extra, c.l., same basis..ton.17.50 - —
l.c.l., same basis.....ton.19.50 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —
1,000 lbs., works..lb. .02 - —
500 lbs., works...lb. .02½- —
100 lbs., works...lb. .03 - —
refined, bgs., extra and returnable, c.l., works, ton.20.00 - —
l.c.l., 5,000 lbs. works, ton.39.00 - —
paint, bgs. extra and returnable, c.l., works..ton.55.00 - —
l.c.l., 5,000 lbs. works, ton.65.00 - —
white, No. 1 quality, bgs, extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works, ton.45.00 - —
1,000 lbs., works...lb. .02½- —
500 lbs., works...lb. .03 - —
roofing, bgs. extra and returnable, cl., works, ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
paint, bgs extra and returnable,c.l., works..ton.60.00 - —
l.c.l., 5,000 lbs., works, ton.70.00 - —
wet-ground, paint or lacquer bgs., c.l., frt. alld. E..lb. .04½- —
l.c.l., ex whse., or frt. alld. E..lb. .05 - —
paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04⅝- —
l.c.l., ex whse., ar frt. alld. E..lb. .04¾- —
rubber, bgs., c.l., frt. alld. E..lb. .04¼- —
l.c.l., ex whse., or frt. alld. E..lb. .04¾- —
Biotite, bgs., c.l., frt. alld. E..lb. .03½- —
l.c.l., ex whse. or frt. alld. E..lb. .04 - —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l....lb. .07 - —
l.c.l.....lb. .08 - —
spray, bbls., c.l.....lb. .07½- —
spray, l.c.l.....lb. .08½- —
unskimmed, roller, bbls., c.l. lb. .15½- —
l.c.l.....lb. .16½- —
spray, bbls., c.l.....lb. .16 - —
Millet seed, yellow, bgs.....lb. .0250- .0280
early fortune, bgs.....lb. .02½- .06
hulled, bgs.....lb. .06½- .06¾
Mineral spirits (see Petroleum thinners and VM & P naphtha).
Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports...gal. .07 - —
f.o.b. Gulf ports.....gal. .06¼- .06⅜
Molybdate orange (see Orange, molybdate).
Molybdenum metal kgs., 99% powd..lb. 2.60 - 3.00
Trioxide, pure, kgs., basis Mo. content, works..lb. .95 - —
technical, kgs., basis Mo. content, works..lb. .80 - —
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .53 - .55
tanks.....lb. .50 - —
Monobutylamine, dms., c.l., wks. lb. .50 - —
l.c.l., works.....lb. .51 - .53
tanks, works.....lb. .48 - —
Monochlorobenzene, dms., l.c.l. lb. .06 - .08
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks.....lb. .23 - —
Monoethylamine, basis 100% amine content, dms., l.c.l., works. lb. .65 - —
Monoethylanilin, dms.....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd.....lb. .70 - —
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Monosodiumphosphate (see Soda phosphate monobasic).
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gals., l.c.l., works..lb. .67 - —
smaller containers, works....lb. .75 - —
Mullein leaves, cans.....lb. .15 - .16
flowers, cns.....lb. 1.75 Nom.
Musk, nat., Tonquin, grained, bots..oz.24.00 -26.00
synth., ambrette, cns., 100 lbs. ur more..lb. 3.65 - —
5 lbs., to 75 lbs.....lb. 3.85 - —
1 lb.....lb. 3.95 - —
ketone, cns., 100 lbs. or more, lb. 3.70 - —
5 lbs. to 75 lbs.....lb. 3.95 - —
1 lb.....lb. 4.10 - —
xylol, cns., 100 lbs. or more, lb. 1.05 - —
5 lbs. to 75 lbs.....lb. 1.15 - —
1 lb.....lb. 1.20 - —
Musk root, bls.....lb. .50 - .60
Mustard seed, California, brown, lb. .15¾- .16¼
yellow, bgs.....lb. .16½- .17
Chinese, yellow, bgs.....lb. .09½- .10
Danish, yellow.....lb. .25 - .25½
Dutch, yellow, bgs.....lb. .21 - .22
English, yellow, bgs.....lb. No stocks
Montana, yellow, bgs.....lb. .12 - .12½
Roumanian, yellow.....lb. .16 - .16½
Myrobalans, Jl, bgs., f.a.s....ton.35.00 - —
J2, bgs., f.a.s.....ton.28.00 - —
Extract, liquid, 25%, bbls.....lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters (see Petroleum, naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., tanks, works....100 lbs. 2.25 - —
78 deg., tanks, works.100 lbs. 2.50 - —
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07 - —
50-lb. cs., same basis...lb. .07¼- —
pkgs. (16 oz.), same basis, lb. .07¾- —
(12 oz.), same basis..pkg. .06¼- —

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Prepared Monthly by U. S. Industrial Chemicals, Inc.

U.S.I. CHEMICAL NEWS

January ★ A Monthly Series for Chemists and Executives of the Solvents and Chemical Consuming Industries ★ 1941

New Preparations Help Industry to Avert Dermatitis

Dibutyl Phthalate and Acetone Employed in Protection of Skin

Possibility of increased protection against some forms of industrial dermatitis is indicated by studies recently reported. A preparation recently patented is said to be especially advantageous in protecting the skin against exposure to chemicals such as those encountered in photographic developing solutions, and to be useful also as a safeguard against mustard gas irritations, in covering skin blemishes, and as a base for make-up.

Uses High Boiling Solvent

The preparation, it is said, consists of a cellulose ester, a vegetable oil or animal fat, and a high boiling solvent. Suitable solvents are said to include dibutyl phthalate, butyl stearate, and diglycol laurate.

Protection against dust-borne irritants is afforded by a non-greasy preparation which

(*Continued on next page*)

Acetylates Oiticica Oil To Produce Tough Films

LOUISVILLE, Ky.—Acetylation of oiticica and similar oils results in a marked improvement in drying properties, according to a patent issued to an inventor here. Acetylated oiticica oil, it is claimed, will dry to a smooth, tough, glossy film in 15 minutes without the use of driers. It is said that the process overcomes the tendency of the raw oil to produce wrinkled or frosted films on drying. It is reported that the process can be carried out by refluxing the oil with acetic anhydride, preferably with the addition of a small amount of sodium acetate.

The acetylation process, it is claimed, possesses advantages over cooking treatments for improving oil properties.

A tentative standard method for determining the water vapor permeability of paper and paperboard is described in a recent report. U.S.I. will gladly refer readers to a source from which the report may be obtained.

Tells How to Make Paint To Cover Creosoted Wood

INDIANAPOLIS, Ind.—Creosoted wood can be painted with a new coating composition that is not attacked either by the creosote or by the elements, it is claimed by an inventor here, who has received a patent on the method.

Essentially, the composition is said to consist of a phenol-formaldehyde resin in a volatile solvent, preferably with a catalyst that speeds up setting of the resin. Oxalic acid is suggested as a catalyst. The coating, according to the inventor, may be a clear varnish, or fillers and pigments may be added. He states that the resin, as used in his process, is insoluble in creosote once the resin has set, and that the creosote therefore does not bleed through.

A suitable solvent is said to consist of a mixture of ethyl alcohol and butyl alcohol.

Ethyl Alcohol and Butyl Alcohol are produced by U.S.I.

New Special-Purpose Adhesives Cover Broad Application Range

Non-Aqueous Types, Employing Organic Solvents, Undergo Rapid Development as Adhesion Problems Become Increasingly Complex

"Making things stick" has developed in the last few years into a highly specialized and complicated industrial problem. Industry today finds it necessary to effect the adhesion of rubber to metal, cellophane to cellophane, plastics to plastics, plastics to metal, and many other combinations. Most of the special-purpose adhesives that have been developed to meet these requirements make extensive use of organic solvents, many of which are produced by U.S.I. While aqueous adhesives account for the major part of the total volume used, the non-aqueous types are usually more adaptable to specialized purposes.

The growing importance of special-purpose adhesives is shown by the many new ones recently placed on the market: a cement for making chemically resistant joints between rubber and metals; a liquid for attaching markers of glass, metal, plastics, or porcelain to any surface; a cellophane cement described as especially suitable for sealing food packaging; another adhesive resistant to dilute acids, alkalis, grease, and oils; still another that develops tensile strengths as high as 700 pounds per square inch.

Lacquer Adhesives

Lacquer-type adhesives can be made largely from U.S.I. products. These adhesives employ conventional lacquer materials—cellulose derivative, resin, plasticizer, and solvent—though not in the conventional lacquer proportions. In these lacquers, the solvents, in addition to acting as a carrying vehicle, provide the proper viscosity and evaporation rate.

An interesting example of alcohol's usefulness in controlling viscosity is disclosed in a recent patent covering a transparent adhesive which is said to be suitable for application to paper, leather, glass, cellulose esters, and cellulose ethers. The patent lists two typical formulations:

	Parts by weight Example 1	Example 2
Milled latex crepe	250	250
Ester gum	175	175
Anti-oxidant	1.25	1.25
Heptane	2500	1550
Alcohol	—	15.5-31

(*Continued on next page*)

Says Dialkyl Phthalates Improve Lubricating Oil

ELIZABETH, N. J.—Lubricating oils of superior load-carrying capacity and decreased tendency toward oxidation and carbon formation can be prepared by incorporating small amounts of the dialkyl esters of phthalic acid, according to a patent granted to an inventor here.

Dimethyl, diethyl, and dibutyl phthalates were all found to effect substantial improvements in loads carried and a considerable decrease in oxidation rate, the inventor claims.

It is said that the phthalates may be added to the lubricating oils used for automobile engines and for various industrial purposes, or may be included as an ingredient in grease compositions.

Dimethyl, Diethyl, and Dibutyl Phthalates are produced by U.S.I.

Suggest Way to Produce Low-Gloss Manila Films

BROOKLYN, N. Y.—That the gloss of Manila resin films can be reduced when desired by the addition of a diatomaceous earth was recently reported here.

The addition of 8% of the diatomaceous earth, based on the weight of resin present, resulted in a film of medium gloss, while a 15% addition gave a flat film, it was said.

A suggested method of preparation is to begin with a 50% concentration of Manila in ethyl alcohol. A paste is then prepared by using the diatomaceous earth and a portion of the Manila resin solution. The paste is then ground in a pebble mill and the remainder of the Manila solution added.

Manufacturers of lacquers and varnishes find Solox, U. S. I.'s proprietary alcohol-type solvent, a valuable aid in the formulation of superior products that meet modern finishing requirements. Solox is extensively employed in the manufacture of nitrocellulose lacquers and spirit varnishes and in cutting and thinning shellac. A mixture of 20% Solox and 80% toluol is regarded as one of the most satisfactory solvent combinations for ethyl cellulose, resulting in low-viscosity solutions and superior films. Solox has a mild, non-residual odor, and is economical to use. It is available in both 190 proof and anhydrous grades. It is obtainable without special permit.

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January ★ **U.S.I. CHEMICAL NEWS** ★ 1941

Alcohol-Ethyl Acetate Mixture Believed Best For Coloring Textiles

DERBY, England—That a mixture of ethyl alcohol and ethyl acetate has outstanding advantages in the dyeing of cellulose acetate and other cellulose derivatives is disclosed in a U. S. patent granted to an inventor at Spondon, near here.

The alcohol-ethyl acetate mixture, says the inventor, is an excellent solvent for cellulose acetate dyestuffs, and is useful in the coloring of rapidly running threads. A particularly desirable mixture, it is claimed, has the following proportions:

	Parts
Ethyl acetate	40
Absolute alcohol	60
Water	20

A wide range of dyestuffs can be used with this mixture, it is said.

Ethyl Acetate and Absolute Alcohol are produced by U.S.I.

Describes Solution for Treating Galvanized Iron

NEW YORK, N. Y.—How cleaning and etching of galvanized iron, preparatory to finishing, can be carried out in a single step was recently described in *Metal Industry*.

The following solution, it is claimed, can be used satisfactorily:

	Parts by weight
Alcohol	60
Toluol	30
Carbon tetrachloride	5
Hydrochloric acid (concentrated commercial grade)	5

The solution, it is said, is freely applied to the galvanized iron with a brush.

New Skin Protectives

(*Continued from previous page*)

is brushed onto the skin, according to foreign investigators. A typical composition is said to consist of:

	Parts
Ethyl cellulose	5
Mastic	8
Castor oil	1
Acetone (technical)	86

It is said that preparations of this type are useful when it is desired to avoid risk of soiling materials or objects.

Dibutyl Phthalate and Acetone are produced by U.S.I.

Plastic Tees Glow in the Sunlight to Aid Golfers

CHICAGO, Ill.—Golf tees are now being molded of cellulose acetate incorporating a fluorescent yellow pigment, it is reported here. Under the ultra-violet rays of the sun, the pigment is said to glow brilliantly, so that the tee is easy to find.

Special-Purpose Adhesives Employ Many U.S.I. Products

(*Continued from previous page*)

The relatively small amounts of alcohol shown in Example 2 allow very substantial savings in the quantity of heptane used. The alcohol, according to the inventor, is extremely effective as a viscosity-reducer.

Cellulose Acetate Films

The wide use of materials such as cellulose acetate has led to the development of a relatively new type of adhesive, the solvent cements. These adhesives are in reality assistants. They act to soften a coating already applied to the surfaces to be joined, so that the surfaces cement themselves. Cellulose acetate films, for example, can be cemented by using acetone and ethyl lactate. Alcohol is frequently employed as a diluent with strong solvents to prevent complete dissolving of the film.

For Simulated Leather

A novel application of this general type is found in a patented process for simulating the appearance and properties of natural leather by transferring preformed lacquer films to a rubber-impregnated felt base. The films are formed, it is said, on a smooth metal plate and then activated by a mixture which may consist of 5 parts of ethyl acetate, 5 parts of the acetate of ethylene glycol mono-ethyl ether, and 90 parts of 95% alcohol. When the activated films are pressed against the felt base, they are said to adhere smoothly.

Alcohol with Aqueous Adhesives

Even where aqueous adhesives are used, alcohol finds application for special purposes. For example, in securing sheets of paper and aluminum, it is reported that difficulty has been experienced in obtaining proper wetting of the aluminum surface by aqueous adhesives. According to a recent patent, this difficulty is eliminated by treating the surface with a mixture of phosphoric acid and alcohol. The alcohol serves as a grease solvent and also facilitates drying.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A new pigment is said to be especially suitable for white or tinted exterior enamels where resistance to chalking and fading is of primary importance. The pigment is reported to be of the titanium dioxide type. **(No. 410)**

U S I

A suspension agent is reported to aid in preventing settling and caking of pigments. It is described as a modification of aluminum stearate with a minimum gelling power. **(No. 411)**

U S I

An aluminum-casein paint is said to combine the ability to prime and seal the surfaces of concrete, wood, brick, and plaster. Maker claims that it can be applied over surfaces that have been previously painted, varnished, or enameled, and that it will cover stains and prevent them from bleeding through. **(No. 412)**

U S I

A cement cleaner is supplied in the form of a concentrated powder, it is reported. Maker says that consistent use will not only remove dirt and grease, but will whiten and harden the cement and fill the surface. **(No. 413)**

U S I

A new lacquer is said to be suitable for coating the surfaces of cellulose acetate molded parts. According to the manufacturer, it can be used for both ornamentation and protection, and is made in several colors for dipping or spraying. **(No. 414)**

U S I

A water-treating material is described as an emulsion of plant and vegetable materials. It is said to assist in removing scale-forming impurities from water by depositing them in the form of sludge. **(No. 415)**

U S I

A cleaning agent, said to have been developed originally for washroom equipment and drinking fountains, can be used on a wide variety of materials, including metal fixtures, it is claimed. It is reported to employ a soapless detergent base with a mild abrasive. **(No. 416)**

U S I

A sealing compound of the synthetic rubber type is said to contain no disintegrating resins, asphalt or putty. Maker says that it may be applied for caulking and waterproofing jobs, and that it adheres strongly to concrete, glass, metal, wood, and other surfaces. **(No. 417)**

U S I

A duplicating film for reproducing drawings is said to be a negative medium that assures true-to-scale reproduction, withstands routine handling, resists dust and dirt. Waterproof treatment is employed to prevent shrinking or expansion, it is claimed. **(No. 418)**

U S I

Cork composition is said to be available in sheet form in several thicknesses. It is claimed that the binder used reduces shrinkage to a minimum, gives high tensile strength, and will not harden or deteriorate. Gaskets cut from the sheets may be stored without change in dimension, it is claimed. **(No. 419)**

U.S.I INDUSTRIAL CHEMICALS, INC.

60 EAST 42ND ST., N. Y. (U.S.I.) BRANCHES IN ALL PRINCIPAL CITIES

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Amyl Alcohol
Butyl Alcohol
Fusel Oil—Refined
Methanol

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Anhydrous
Absolute
C. P. 95%
Pure (190 proof)
Specially Denatured
Completely Denatured
U. S. I. Denatured
Alcohol Anti-freeze)
Super Pyro Anti-freeze
Solox Proprietary Solvent

ANSOLS
Ansol M
Ansol PR

ESTERS, ACETATES
Acetic Ether
Amyl Acetate
Butyl Acetate
Ethyl Acetate

ESTERS, ETHYL
Diatol
Diethyl Carbonate
Diethyl Oxalate
Ethyl Chlorocarbonate
Ethyl Formate
Ethyl Lactate

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ESTERS, PHTHALATES
Diamyl Phthalate
Dibutyl Phthalate
Diethyl Phthalate
Dimethyl Phthalate

OTHER ESTERS
Amyl Propionate
Butyl Propionate
Dibutyl Oxalate

INTERMEDIATES
Acetoacetanilid
Acetoacet-o-chloranilid
Acetoacet-o-toluidid
Ethyl Acetoacetate
Sodium Ethyl Oxalacetate

ETHERS
Ethyl Ether
Ethyl Ether Absolute—A.C.S.

OTHER PRODUCTS
Acetone, C.P.
Collodions
Curbay Binders
Curbay X (Powder)
Derex
Ethylene
Methyl Acetone
Nitrocellulose Solutions
Potash, Agricultural
Vacatone
Curbay B-G

Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100-lb. dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½ and 40 sec. vis., bbls., works, lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester, soluble, 30-35 eps., ¼, ½ sec., bbls., c.l., dry weight, works..lb. .23 - —
l.c.l., cps., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
ester-soluble, 5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .20 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitroethane, l.c.l., dms., works, lb. .25 - —
Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.21 58- —
Nitrogenous fertilizer material, dom., 10% ammon., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 1.75 - —
f.o.b. Chemical, Ill., unit-ton. 1.75 - —
f.o.b. East Coast producing points..unit-ton. 2.20 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. No prices
Nitromethane, l.c.l., dms., works, lb. .25 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitropropane I, l.c.l., dms., works, lb. .25 - —
II, same basis.....lb. .25 - —
Nutgalls, Aleppo, bgs., cs.....lb. .28 - .29
Chinese .....lb. .16 - .17
Extract (see Gall extract).
Nutmegs, E. I., 80s, bgs., cs...lb. .18 - .18½
110s, bgs., cs.....lb. .16 - .16½
small, grinding, bgs.....lb. .16 - .16½
West Indian, bgs.....lb. .09¼- .09¾
Nux vomica, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .08¼- —
l.c.l., bbls., works.....lb. .08¾- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10½- —
Octanol, normal, tech., 360-lb. dms., dlvd..lb. .35 - —
Oil, almond, bitter, artif (see Benzaldehyde).
natural, bots.....lb. 3.00 Nom.
s.p.a., bots.....lb. 2.85 - 3.00
sweet, true, exp., cns....lb. .70 - .75
Amber, crude, cns.....lb. .27 - .28
ref'd, cns.....lb. 1.00 - 1.10
Amyris, cns.....lb. 3.00 - 3.25
Angelica, seed, bots.....lb. 90.00 -100.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .80 - .90
Apricot, kernels, cns.....lb. .43 - .44
Bay, W. I., 50-55% phenols, cns..lb. 1.10 - 1.15
55-60% phenols cns.....lb. 1.20 - 1.25
Bergamot artif., cns.....lb. 2.50 - 3.50
natural coppers.....lb. 12.00 Nom.
Birch (see Oil, sweet birch).
Birchtar rectified, cns.....lb. 1.10 - 1.20
crude, cns.....lb. .37 - .38
Bois de rose Brazil cns.....lb. 1.95 - 2.00
Cade USP IX (see Oil Juniper tar).
Cajeput tech, dms.....lb. .65 - .70
USP IX, cns.....lb. .75 - .80
Calamus cns.....lb. 8.25 - 8.50
Camphor, sassafrassy cns...lb. .25 - .26
dms. .....lb. .22 - .23
white, cns.....lb. .25 - .26
dms. .....lb. .22 - .23
Cananga, native, cns.....lb. 2.75 - 3.00
rectified, cns.....lb. 3.25 - 3.50
Capsicum (oleoresin), USP VIII, cns..lb. 3.50 - 3.75
Caraway, USP, cns.....lb. 6.00 Nom.
Cardamom, bots.....lb. 16.00 -18.00
Cassia, USP, cs., dms.....lb. 1.50 - 1.55
Castor, blown, one-way dms., c.l..lb. .11¾- —
l.c.l. .....lb. .12¼- —
cold pressed, USP, bbls., c.l., lb. .10¼- —
l.c.l. .....lb. .11 - —
cns. (1-gal.), l.c.l.....lb. .14 - —
dms. (returnable), c.l..lb. .10 - —
l.c.l. .....lb. .10¾- —
(5-gal.), l.c.l.....lb. .12 - —
tanks .....lb. .09½- —
dehydrated, dms., c.l.....lb. .1310- —
l.c.l. .....lb. .13½- —
tanks .....lb. .12½- —
extracted No. 3, tech., bbls., c.l..lb. .09¾- —
l.c.l. .....lb. .10¼- —
dms. (returnable), c.l....lb. .09½- —
l.c.l. .....lb. .10¼- —
tanks .....lb. .09 - —
sulphonated, 50% (42% fat), dms., c.l...lb. .06½- —
l.c.l. .....lb. .07½- —
75% (63% fat), dms., c.l..lb. .09¼- —
l.c.l. .....lb. .10¼- —
80% (68% fat), dms., c.l...lb. .09½- —
l.c.l. .....lb. .10½- —

Castor oil, USP, and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums, ¼c. higher, all points.

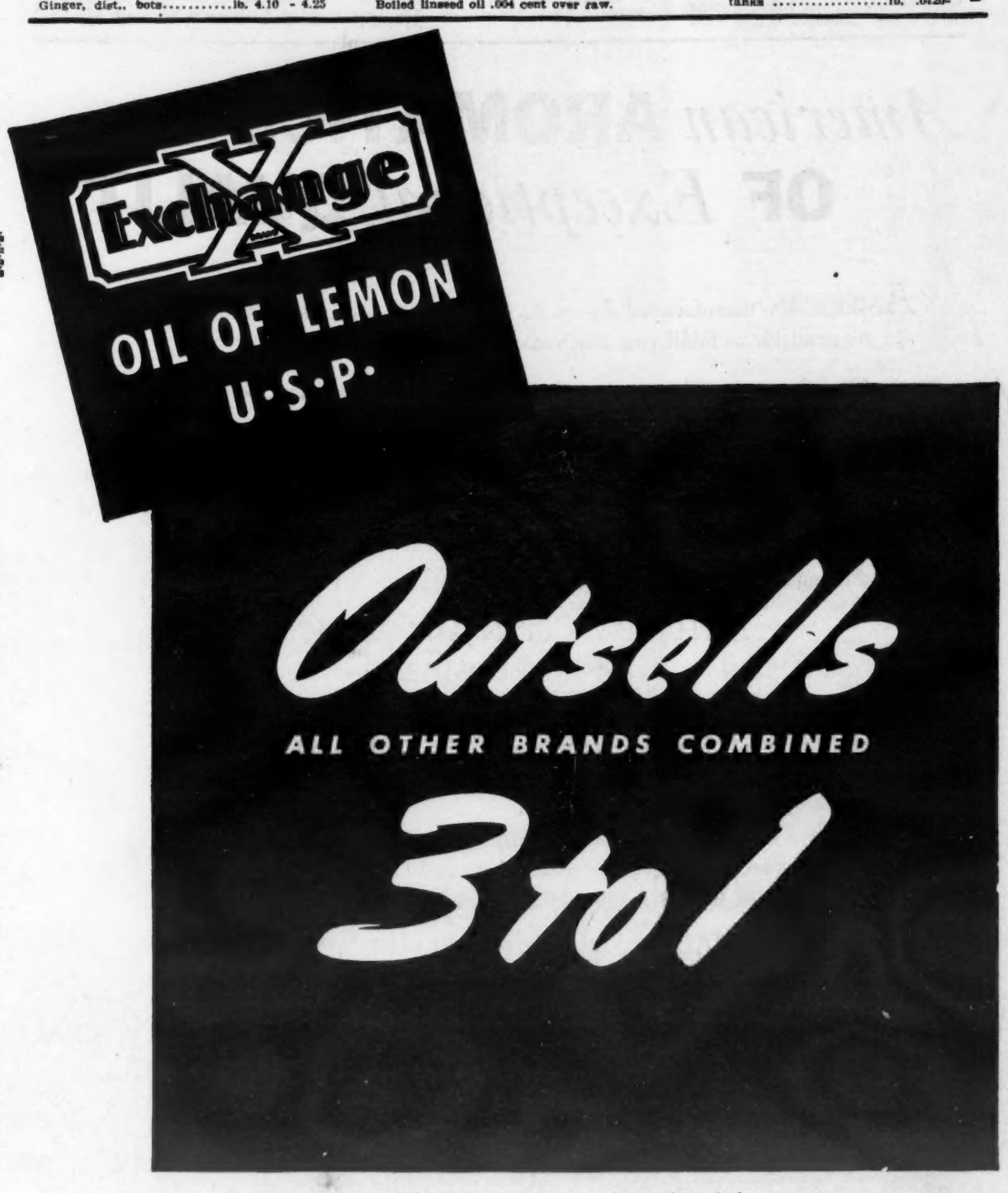
Cedarleaf, cs.....lb. .90 - .95
dms. .....lb. .85 - .90
Cedarwood, Southeast, cns..lb. .26 - .27
dms .....lb. .24 - .25
Celery, bots.....lb. 15.00 -16.00
Chaulmoogra, USP, cns.....lb. .72½- —
Chinawood, dms.....lb. .27¼- —
tanks .....lb. .26¼- —
Cinnamon, Ceylon, bots.....lb. 9.75 -27.00
Citronella, Ceylon, cns.....lb. .39 - .40
dms. .....lb. .37 - .38
Java, cns, dms.....lb. .37 - .39

Oil, clove, makers, USP, cns...lb. 1.10 - 1.15
dms. .....lb. 1.05 - 1.10
Coconut, Manila, crude, tanks, lb. .03¾- —
edible, 76°, dms. (returnable), c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
tanks .....lb. .06¾ Nom.
Cod, Newf., bbls.....gal. .60 - —
Codliver, med., USP., bbls..bbl. 70.00 -75.00
Coriander, bots.....lb. 15.25 -15.50
Corn, crude, tanks, wks.....lb. .06¾- .06½
refd., bbls.....lb. .08¾- .09
Cottonseed, cooking, bbls....lb. .07¾- —
salad, bbls.....lb. .08 - —
Creosote (see C).
Croton, N. F., cns.....lb. 2.75 - 3.00
Cubeb, USP, cns.....lb. 3.00 - 3.25
Crude (see Petroleum, crude).
Cumin, bots. .....lb. 8.00 - 8.50
Cypress, bots.....lb. 5.25 - 5.50
Degrass (see D).
Dill seed, bots.....lb. 4.50 - 5.00
weed, bots.....lb. 5.50 - 5.75
Dip (see L).
Erigeron, cns.....lb. 2.00 - 2.50
Eucalyptus cns.....lb. .65 - .67
dms. .....lb. .63 - .65
Fennel, sweet, cns.....lb. 2.05 - 2.15
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns., lb. 14.25 Nom.
Bourbon, cns.....lb. 14.00 Nom.
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.60 - 1.65
Grapeseed, dom., dms.....lb. .45 - .50
imported, dms.....lb. .15 - .20
Ginger, dist., bots.....lb. 4.10 - 4.25

Oil, guaiac wood, concrete, bots. lb. 3.50 - 3.75
Haarlem, imp., bots.....gross No prices
Hemlock, cns.....lb. .85 - .90
Juniper berry, USP XI, cns..lb. nom. Nom.
wood, tech., cns.....lb. .50 - —
Juniper tar, USP XI, cns....lb. .39 - .40
Lard, common, 1, bbls.....lb. .07¾- —
2, bbls.....lb. .07½- —
extra, bbls.....lb. .08¼- —
1, bbls.....lb. .08 - —
winter, strained, bbls.....lb. .08½- —
prime, burning, bbls.....lb. .09 - —
prime, ined., bbls.....lb. .08¾- —
Laurel, bots.....lb. 5.00 Nom.
Lavandin, cns., 25 lbs.....lb. 3.25 Nom.
Lavender flower, French, 50% ester, cns..lb. 8.25 Nom.
38-42% ester, cns.....lb. 7.50 Nom.
35-38% ester, cns.....lb. 5.50 Nom.
30-32% ester, cns.....lb. 5.00 Nom.
garden, cns.....lb. .55 - .70
spike, Spanish, tech., cns..lb. 1.40 - 1.60
dms. .....lb. 1.35 - 1.50
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. 4.75 - 5.00
Terpeneless, Type 1.....lb. 10.50 -16.50
Type 2.....lb. 8.35 -14.50
Lemongrass, native, cns., dms., lb. .78 - .80
Lime, dist., cns.....lb. 4.75 - 5.00
expressed, cns.....lb. 7.75 - 8.00
Terpeneless, Type 1.....lb. 67.50 -78.00
Type 2.....lb. 46.50 -50.00
Linaloe wood, cns.....lb. 1.60 - 1.65
Linseed, raw, dms., c.l.....lb. .0950- .0970
l.c.l., 10 to 69.....lb. .0980- .1000
5 to 9.....lb. .1010- —
less than 5.....lb. .1030- —
tanks .....lb. .0880- .0900
Boiled linseed oil .004 cent over raw.

Merolin—Oil, Menhaden

Oil, lovage, extra fine, bots..lb. 85.00 - —
Lubricating, at refinery, ex tax, California, neutrals, pale, 100-600 vis., 2½-4, tanks..gal. .07¼- .11
red, 200-900 vis., 4-6½ plus, tanks .....gal. .07¼- .11¼
Group 3, bright stocks, 100-210 D,0-25 pour, tanks, gal. .12½- .18
neutrals, 130-400 vis., 3-8½, 0-10 pour, tanks, gal. .08 - .12
200-280 vis., 3, 15-25 pour, tanks..gal. .08 - .10
Pennsylvania, bright stocks, 8 color, 140-150 vis., 10-25 pour, tanks, gal. .12 - .14¼
cylinder oils, 600-630 flash, tanks, gal.. .09 - .12
600-650 steam ref'd, tanks..gal. .08 - .08½
neutrals, 70° F., 3 color, 150 vis., 0-25 pour, tanks..gal. .19 .22½
200 vis., 0-25 pour, tanks..gal. .21 - .24½
Mace, dist., cns., dms.....lb. 2.20 - 2.30
Mandarin, superior, coppers..lb. 9.00 -10.00
Menhaden, crude, tanks, fut., Balto..gal. .32 Nom.
refd., alkali, dms.....lb. .0840- .0880
tanks .....lb. .0780- —
blown, dms.....lb. .0860- .0900
kettle-bodied, dms.....lb. .0960- .1000
light-pressed, dms.....lb. .0780- .0820
tanks .....lb. .0720- —



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76 NINTH AVENUE, NEW YORK, N. Y.

Distributors for

CALIFORNIA FRUIT GROWERS EXCHANGE
PRODUCTS DEPARTMENT, ONTARIO, CALIFORNIA

PRODUCING PLANT: EXCHANGE LEMON PRODUCTS CO., CORONA, CALIFORNIA

Copr., 1940, California Fruit Growers Exchange, Products Department

Oil, Mineral—Paraffin

Oil, mineral, white (see Oil, white mineral).
Mustard, artif., USP., bots., cns. lb. 1.50 - 1.60
dist., natural, bots. lb. 9.50 -10.00
Neatsfoot, 20° cold test, bbls., lb. .15¼- —
extra, bbls. lb. .08¾- —
1, bbls. lb. .08 - —
prime, bbls. lb. .08¼- —
pure, bbls. lb. .10¾- —
sulphonated, common, 25% moisture, dms. lb. .10½- —
Neroli, bots. lb. 200.00- 325.00
Nutmeg, dist., cns., dms. lb. 2.20 - 2.30
Oleo, 1, bbls. lb. .07¾- —
2 bbls. lb. .07¼- —
Officica, dms. lb. .18½ - .19½
Olibanum, bots. lb. 5.00 - 5.25
Olive, denat., dms. gal. 2.35 Nom.
edible, dms. gal. 3.25 Nom.
foots, dms. lb. .10¼ Nom.
sulphonated, 50%, (42% fat), dms., c.l. lb. .09½- —
l.c.l. lb. .10½- —
75% (63% fat), dms., c.l. lb. .12½- —
l.c.l. lb. .13½- —
80% (68% fat), dms., c.l., lb. .127 - —
l.c.l. lb. .137 - —
Orange, sweet, dist., cs. lb. .90 - —
expressed, African, cns., dms., lb. 1.40 - 1.50
Calif., cns. lb. 2.00 - —
Florida, cns. lb. 1.25 - 1.30
Messina, USP, coppers. lb. 8.00 Nom.
West Indies, cns. lb. 2.25 - 2.50
terpeneless lb. 42.00 -50.00
Origanum, cns. lb. 1.05 - 1.45
Oil, palm, Niger, dms. lb. .04½ Nom.
shipment lb. .06 Nom.
softs, 12½%, bulk, shipt. lb. .02 Nom.
Sumatra, shipt., bulk. lb. .02 Nom.
Palmarosa, cns. lb. 3.00 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. S. gal. .05¾- —
350° flash, 70-80 vis., tanks, G. S. gal. .06½- —
80-85 vis., bbls., extra, Ind. refy. gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy. gal. .14 - —
300° flash, 100-110 vis., tanks, G. S. gal. .05¾- —
Patchouli, bots., cns. lb. 5.50 - 6.00
Peanut, crude, dom., tanks. lb. .05¾ Nom.
refd., edible, bbls. lb. .08¼ Nom.
Pennyroyal, dom., cns. lb. 3.00 Nom.
import, cns. lb. 2.25 - 2.50
Peppermint, natural, cns., dms., redist., USP, cns., dms. lb. 3.00 - 3.25
lb. 3.25 - 3.50
Perilla, dms. lb. .18 Nom.
tanks lb. .17¼ Nom.
Petitgrain, Paraguay, cns. lb. 1.40 - 1.50
Pimento berry, cns. lb. 4.35 - 7.25
leaf, cns. lb. 2.50 - 2.75
Pine, dest.-dist., straw-color, dms., dlvd., E. ports. gal. .50 - .55
steam-dist., dms. gal. .50 - —
tanks gal. .54 - —
Pineneedle, Siberian, cns. lb. 1.30 - 1.40
Putty, bbls., E. Segundo, Richmond, Cal. gal. .22½- —
contracts gal. .19½- —
Whiting, Ind. gal. .28 - —
dms., c.l., Boston, Providence, gal. .25 - —
l.c.l., same basis gal. .27 - —
tanks, same basis gal. .18 - —
Martines, Cal. gal. .28 - —
Rapeseed, blown, dms. lb. .17½- —
denat., bbls. gal. .95 Nom.
Oil, Red, dist., or saponif., dms., dlvd. lb. .07¼- .08¼
tanks, dlvd. lb. .06¾- —
Rose, artif., bots. oz. 1.35 - 2.25
natural, coppers oz. 5.50 -22.50
Rosemary, Spanish, cns. lb. .71 - .73
dms. lb. .63 - .64
Rosin, 1st rectfd., dms. gal. .40 - —
2d rectfd., dms. gal. .42 - —
3d rectfd., dms. gal. .46 - —
Rue, bots. lb. 5.25 - 6.00
Sage, cns. lb. 3.50 - 3.75
Sandalwood, E.I. USP, cns. lb. 4.95 - 5.25
Mysore, cns., case lots. lb. 5.50 - 5.75
Sardine, crude, fut., tanks, Pac. Cst. gal. .39 Nom.
refd., alkali, dms. lb. .0840- .0850
tanks lb. .0780- —
kettle-bodied, dms. lb. .0960- .1000
light-pressed, dms. lb. .0780- .0830
tanks lb. .0720- —
Sassafras, artif., cns. lb. .75 - —
dms. lb. .72 - —
natural, cns., dms. lb. 1.00 - 1.25
Savin, cns. lb. 5.75 Nom.
Savory, cns. lb. 3.75 Nom.
Sesame, crude, coast, tanks. lb. .07½- —
Shingle stains, bbls., c.l., works, gal. .19 - —
l.c.l., works gal. .20 - —
tanks, works gal. .14 - —
Snakeroot, Canada, cns. lb. 9.50 -10.50
Soybean, dom., crude, dms. lb. .06½- .07
tanks lb. .05¾- —
ref'd, dms. lb. .07¾- .08½
tanks lb. .07 - .07¾
Spearmint, dms. lb. 2.50 - 2.60
Sperm, bleach, 38°, dms. lb. .1100- —
45°, dms. lb. .1030- —
natural, dms. lb. .0980- —
Spruce, cns., dms. lb. .80 - .85
Sweet, birch, North, cns. lb. 2.25 - 2.65
South, cns. lb. 1.55 - 1.70
Oil, tall, crude, dms., c.l., works, ton. 40.00 - —
l.c.l., works ton. 45.00 -50.00
tanks, works ton. 30.00 - —
distilled, dms., c.l., dlvd. lb. .05½- .07
i.c.l., dlvd. lb. .06½- .06¾
tanks, dlvd. lb. .05 - .06¾
refined, dms., c.l., works. lb. .04 - —
l.c.l., works lb. .04¼- —
tanks, works lb. .03½- —
Tallow, acidless, bbls. lb. .07¾- —
tanks lb. .07¼- —
Tansy, cns. lb. 4.25 - 4.50
Tar, pine, com'l, dms., c.l., dlvd. E. cities. gal. .26 - —
E. ports, c.l. gal. .25 - —
l.c.l. gal. .27 - —
tanks, dlvd. E. cities. gal. .20 - —
rectfd., USP, bbls., l.c.l., dlvd. E. ports. gal. .55 - —
Tar acid (see T).
Teaseed, crude, dms. lb. .17½ Nom.
Tea tree (see Oil, Ti tree).
Thyme, NF, red, dms. lb. .80 - 1.40
white, dms. lb. .95 - 1.70
Tung (see Oil, chinawood).
Ti tree, cns. lb. 2.80 - 2.80
Turkey red (see castor, sulphonated).
Turpentine (see T).
Turtle, cns. gal. 7.00 - —
Vetiver, bots. lb. 5.25 - 9.50
Whale, ref., natural, dms. lb. .0910- —
winter, bleach., dms. lb. .0950- —
Wheat germ, cns., dms. gal. 17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms. gal. .31 - .38
65-75 vis, dms. gal. .33 - .40
80-90 vis., dms. gal. .34 - .41
90-99 vis., dms. gal. .39 - .43
U.S.P., 90-105 vis., dms. gal. .40½- .47½
125-135 vis. dms. gal. .46 - .53
140-150 vis., dms. gal. .49 - .55
175-185 vis., dms. gal. .53½- .60½
200-210 vis., dms. gal. .56½- .63¾
320-330 vis., dms. gal. .64 - .71
335-345 vis. dms. gal. .65 - .72
Russian, 80-90 vis., dms. gal. No prices
145-155 vis., dms. gal. No prices
175-185 vis., dms. gal. No prices
335-345 vis., dms. gal. No prices
Wintergreen, natural, North, cns. lb. 4.35 - 5.00
South, cns. lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns. lb. 3.00 - 4.00
Wormwood, cns. lb. 4.50 - 4.75
Ylang-ylang, Bourb., bots., cns., lb. 7.00 Nom.
Manila, bots. lb. 23.00 Nom.
Olivine, aggregate, c.l., mines, ton. 7.00 -11.00
Lumps, same basis ton. 7.00 - —
Spalls, same basis ton. 5.00 - —
ground, 325 mesh c.l., mines, ton. 20.00 - —
200 mesh, c.l., mines ton. 17.00 - —
100 mesh, c.l., mines ton. 15.00 - —
20 mesh to dust ton. 12.00 - —
Opium, USP, cns. lb. 11.50 -12.50
gran., cns. lb. 12.50 -13.50
powd., cns. lb. 12.50 -13.50
Orange Lake, Persian, bbls. lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. lb. .11¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. lb. .11¼- —
Colo., Mont., N. M., Wyo. lb. .11½- —
Other points lb. .11 - —
smaller lots, dlvd., Ala., etc. lb. .11¾- —
Ariz., etc lb. .12¼- —
Colo., Mont., N. M., Wyo. lb. .12 - —
Other points lb. .11½- —
Oil, French, Tours, casks, ex dock. lb. .13½- —
kgs., ex dock lb. .14½- —
Molybdate, bbls. lb. .31 - —
Toner, bbls. lb. .80 - —
Orangeflower petals, cs. lb. .45 - .50
Orange peel, bitter, bls. lb. .09 - .10
sweet, bls. lb. .11 - .12
Orris root, Florentine, bgs. lb. .80 Nom.
fingers, cs. lb. 1.50 Nom.
powd., bbls., bxs. lb. .85 Nom.
Verona, bls. lb. .75 Nom.
powd., bgs., cns. lb. .80 Nom.
Orthoanisidin, bbls. lb. .70 - —
Orthochloranilin, dms. lb. .60 - .75
Orthochlorophenol, dms. lb. .32 - —
Orthocresol, dms., c.l., works. lb. .16 - —
l.c.l., same basis lb. .16½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies. lb. .06 - —
l.c.l., same basis lb. .07 - —
100-lb. tins, same basis lb. .08 - —
50-lb. tins, same basis lb. .09 - —
tanks, same basis lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms. lb. .55 - —
Orthonitrochlorobenzene, dms. lb. .15 - .18
Orthonitroparachlorophenol, cns. lb. .75 - —
Orthonitrotoluene, dms. lb. .09 - —
Orthophenetidin, dms. lb. .80 - —
Orthotoluidin, dms. lb. .19 - —
Osage orange extract, cryst., bbls. lb. .21 - —
liquid, 42°, bbls. lb. .09 - —
51°, bbls. lb. .10 - —
Oxyquinolin sulphate, cns., 100-lbs., works. lb. 3.50 - —
bots., cns., 1-50 lbs. lb. 3.85 - 4.00
Orthotoluene hydrochloride, dms. lb. .22 - —
Sulphonate, kgs. lb. 2.00 - 2.05

P

Papain, powd., cs. lb. 1.40 - 1.48
Paprika, Algerian, bgs. lb. .34½- .35
Bulgarian, bgs. lb. .30 - .30½
Hungarian, extra fancy, bgs. lb. .42 Nom.
medium, bgs. lb. .41 Nom.
Paprika, Portuguese, extra fancy, bgs. lb. .31½- .32
fancy, bgs. lb. .28 - .29
Spanish, extra fancy, cs. lb. .39½- .40
medium, cs. lb. .37 - .38
Parachlorophenol, dms. lb. .32 - —
Paracymene, refd., dms. gal. .75 - 1.25
Paradichlorobenzene, dms., c.l. lb. .11 - .12
l.c.l. lb. .12½- .13½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy. lb. .0275- .0280
bbls., c.l., N.Y. lb. .0275- .0280
124-126 A.m.p., bgs., c.l., Okla., refy. lb. .0275- .0285
bbls., c.l., N.Y. lb. .0275- .0285
yellow, 124-126 A.m.p., bbls., c.l., N.Y. lb. .0270 —
fully refd., bgs., 125-128 A.m.p., bgs., c.l. lb. .0570- —

American AROMATICS OF *Exceptional* QUALITY

AMERICAN manufactured Aromatic Chemicals . . . of exceptionally fine quality . . . are available to fulfill your requirements.

Our domestic industry is equipped to take care of practically every perfume problem confronting the manufacturer of soap, perfume or cosmetics.

Our line of pure aromatic chemicals is being steadily augmented and will allow the American perfumer to produce for the American Public a line of interesting perfumes of infinite variety.

Among the leading items produced are:

ALPHA AMYL CINNAMIC ALDEHYDE
IONONE COMPLETE
PARA CRESOL ETHYL ETHER
PARA CRESOL METHYL ETHER
PHENYL ETHYL ALCOHOL

The following raw materials also of Domestic Manufacture have proven themselves in the Soap and Perfume industry. The rapid rise in their sale indicates their value.

CYCLAMAL — CITRONAL
FLORANOL — ROSEFOLIA

100% Pure—Soap fast—Free from irritation. Will not discolor.

Requests for samples on your firm's letterhead will be promptly answered.

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9 S. CLINTON ST., CHICAGO
1019 ELLIOTT ST., W., WINDSOR, ONT.

Paraffin, fully refd., bgs., 128-130 A.m.p., bgs., or loose, c.l..lb. .0570- —
131-133 A.m.p., bgs., or loose, c.l..lb. .0595- —
133-135 A.m.p., bgs., or loose, c.l..lb. .0635- —
135-137 A.m.p., bgs., or loose, c.l..lb. .0650- —
138-140 A.m.p., bgs., or loose, c.l..lb. .0725- —
143-145 A.m.p., bgs., or loose, c.l..lb. .0830- —
151-153 A.m.p., bgs., or loose, c.l..lb. .15 Nom.

Refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is 6c. lower.

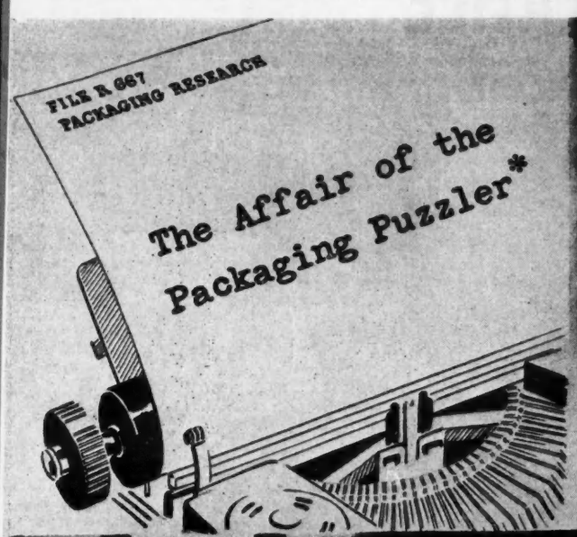
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03½- —
semi-rfd., solid, 123-124 A.m.p., bgs..lb. .03 - —
Paraformaldehyde, dms., 1,000 lbs. or more, shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y .C..lb. .22 - —
100 to 900 lbs. shipments, same basis..lb. .24 - —
Paraldehyde, tech., 98%, 55 and 110-gal. dms., c.l., works..lb. .10 - —
l.c.l., works.....lb. .11½- —
5 and 10-gal. dms., works..lb. .15 - —
USP, cs., obys.....lb. .37 - .45
Paranitrophenol, kgs.....lb. .35 - —
Paranisidine, dms.....lb. .75 - —
Paranitroaniliin, kgs., works...lb. .45 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrotoluene, kgs.....lb. .30 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.50
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .43 - —
Pareira brava root, bls.....lb. .20 - .21
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.lb. .23 - .35
l.c.l., same basis.....lb. .24 - .36
Passion flower, herb, bls.....lb. .06 - .07
Patchouli leaves, bls.....lb. .28 - .30
Pellitory root, bls.....lb. .30 - .33
Pennyroial leaves, bls.....lb. .15 - .16
Pentane, norm., 28-38°, dms., c.l., G.S..gal. .11½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.S.....gal. .07 - .08½
laboratory grade, dms., c.l., G.S, gal. .14 - —
l.c.l., G.S.....gal. .23 - —
Pepper, black, Alleppy, bags.lb. .07¼ Nom.
Lampong, bags.....lb. .0440- .0460
Tellicherry, bags.....lb. .07½ Nom.
White, Java, Muntok, bags..lb. .08¾- .08¾
Singapore, Muntok.....lb. .08 - .08½
Red, chillies, Japan, Hontaka..lb. .20½- .21
Mombassa, bgs.....lb. .25½- .26
Peppermint leaves, dom., bls...lb. .80 - .66
Imports, bls.....lb. .90 Nom.
Perchlorethylene, dms., c.l., works, frt. alld., zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08¼- —
Zone 2, dms., c.l., works, frt. alld..lb. .08¼- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09¼- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on perchlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle. Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S .C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

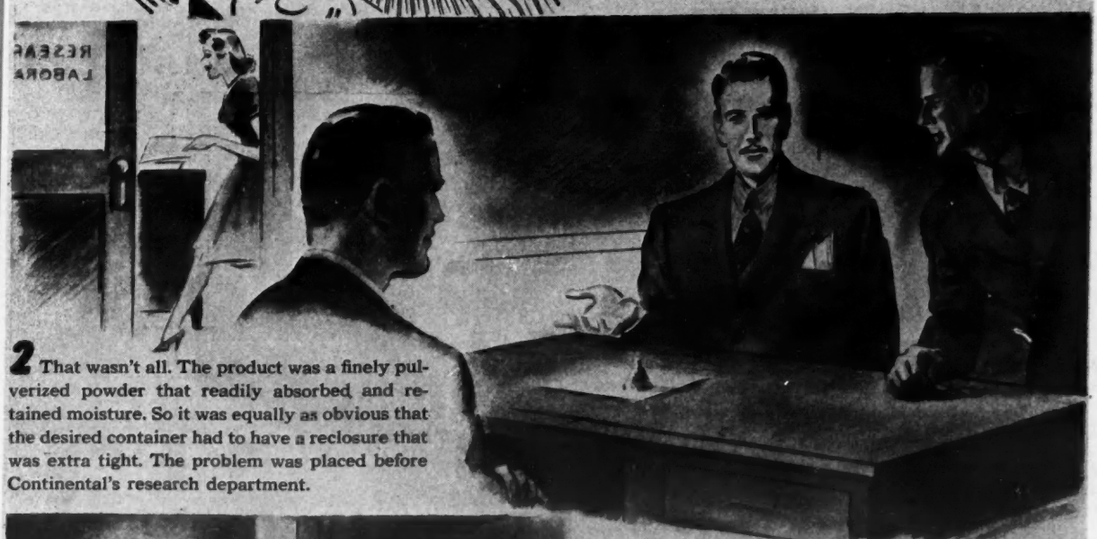
Peru, balsam, dms.....lb. .65 - .67
Petrolatum, amber, dms., c.l...lb. .02¾- —
l.c.l. .....lb. .03¾- —
amber, extra, dms.....lb. .03 - —
l.c.l. .....lb. .04 - —
white, cream, dms., c.l.....lb. .04 - —
l.c.l. .....lb. .05½- —
lily, dms., c.l.....lb. .04¾- —
l.c.l. .....lb. .06½- —
snow, dms., c.l.....lb. .05½- —
l.c.l. .....lb. .07½- —
Petroleum, crude, bulk, at wells:—
California .....bbl. .80 - 1.71
Canada .....bbl. 1.70 - 2.10
Central West:—
Illinois .....bbl. 1.00 - 1.15
Lima .....bbl. .90 - —
Michigan .....bbl. .92 - 1.19
Princeton .....bbl. 1.00 - —
East Texas.....bbl. 1.10 - —
Gulf Coast.....bbl. .86 - 1.20
Kentucky, Tennessee.....bbl. .90 - 1.20
Louisiana, Arkansas.....bbl. .55 - 1.25
Mexico .....bbl. No prices

Paraffin—Petroleum

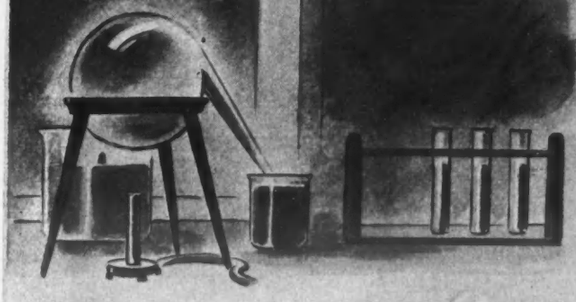
Petroleum, crude, bulk, at wells:—
Midcontinent:—
North Texas.....bbl. .71 - 1.08
Oklahoma-Kansas.....bbl. .86 - 1.10
Pennsylvania, Ohio, West Virginia:—
Bradford, Allegany....bbl. 2.15 - —
Corning .....bbl. 1.12 - —
N. Y. Transit lines....bbl. 2.15 - —
Eureka lines.....bbl. 1.74 - —
S. W. Penn lines.....bbl. 1.80 - —
Lower district in National Transit lines..bbl. 2.03 - 2.08
Rocky Mountains.....bbl. .35 - 1.10
South Central and Southwestern Texas..bbl. .86 - 1.20
Texas Panhandle.....bbl. .67 - .81
West Texas.....bbl. .55 - .65
Ether, normal, tanks, G. S..gal. .09¾- —
dms., c.l., dlvd.....gal. .24 - —
l.c.l., 5 or more, dlvd..gal. .29 - —
1-5, dlvd.....gal. .38 - —
laboratory grade, dms., c.l., G. S..gal. .14½- —
l.c.l., G. S.....gal. .25½- —
10-gal. lots, G.S.....gal. .40½-
Lacquer, diluent, at refinery:—
California, 190 l.b.p., 200 e.p., tanks, dlvd., Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond.....gal. .11 - —
Willbridge, Ore., Fort Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .09½- .10
Group 3, toluol type, tanks, gal. .07½- —
benzol type, tanks.....gal. .07½- —
Mineral spirits, at refinery:—
California (f.o.b. San Francisco), 166-25½ b.r., tanks, gal. .10½- —
193-200 b.r., tanks....gal. .10½- —
246-397 b.r., tanks....gal. .10½- —
312-408 b.r., tanks....gal. .09 - —
362-455 b.r., tanks....gal. .09 - —
East Coast, 43-47, tanks..gal. .0830- .09½
47-49, tanks.....gal. .10½- —
Group 3, tanks.....gal. .08½- —
tankwagon, tax included:—
Albany .....gal. .13½- —
Baltimore (100 gals.)..gal. .14 - —
25-99 gals.....gal. .16 - —
Boston .....gal. .13½- —
Bound Brook, North Amboy, N. J..gal. .13½- —
Bridgeport, Conn....gal. .11½- —
Buffalo .....gal. .15½- —
Camden, N. J.....gal. .10 - .11½
Chicago .....gal. .1670- —
Decatur .....gal. .1810- —
Des Moines.....gal. .1790- —
Evansville, Ind.....gal. .1420- .1530
Milwaukee .....gal. .1930- —
Minneapolis-St. Paul..gal. .19½- —
Newark .....gal. .09½- —
New York (200 gals.)..gal. .09½- —
Omaha .....gal. .12½- —
Pittsburgh .....gal. .11½- .13½
Providence .....gal. .12 - —
Rochester .....gal. .12½- —
St. Louis.....gal. .1470- —
Syracuse .....gal. .10½- —
Trenton .....gal. .10½- —
Wilmington, Del.....gal. .12½- —
Naphtha, cleaners', at refinery:—
California (f.o.b. San Francisco), tanks..gal. .12 - —
East Coast, tanks.....gal. .09 - .10½
Group 3, tanks.....gal. .08½- .07
tankwagon, Boston, ex tax, gal. .13½- —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax...gal. .18 - —
Decatur, inc. 4c. tax...gal. .1910- —
Des Moines, inc. 4c. tax, gal. .1890- —
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10½- —
New York, ex tax.....gal. .10½- —
Omaha, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .12 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 150 gals....gal. .14½- —
smaller lots, galv. drums, gal. .10 - —
milk cans.....gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom, tanks, f.o.b. Bayway .....gal. .21 - —
2, over 90% arom., same basis..gal. .21 - —
2, same basis.....gal. .22 - —
3, tanks, f.o.b. Paulsboro, N. J..gal. .16½- —
30, same basis.....gal. .17½- —
40, same basis.....gal. .17½- —
V. M. & P., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .09 - .09½
Group 3, tanks.....gal. .08½- .07
tankwagon, Boston, ex tax, gal. .14½- —
Chicago, inc. 4c. tax..gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1890- —
Decatur, inc. 4c. tax...gal. .1910- —
Evansville, Ind., ex tax, gal. .1820- .1630
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11½- —
New York, ex tax.....gal. .10½- —
Omaha, ex tax.....gal. .1490- .1590
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1670- —
solvent, rubber at refinery, California (f.o.b. San Francisco), bbls. .....gal. .24 - —
East Coast, tanks.....gal. .09½- —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .06½- .07
standard, 180 i.b.p., 295 e.p., tanks..gal. .06½- .07
Stoddard (CS 3-53), at refinery:—
California (f.o.b. San Francisco), tanks..gal. .11 - —
East Coast, tanks.....gal. .0830- .09½
Group 3, tanks.....gal. .06½- .06½
tankwagon, Boston, ex tax, gal. .14 - —
Chicago, inc. 4c. tax..gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax.gal. .1840- —
Evansville, Ind., ex tax.gal. .14 - .15
Milwaukee, inc. 5c. tax.gal. .1920- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09½- —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .09½- —
Omaha .....gal. .1360- .1460
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1240- —
Tulsa, ex tax.....gal. .10½- .11½



1 The L. N. Hall Company had developed a new product—a powder. Due to production costs, it was obvious that the product had to be packaged in an inexpensive, reclosable container that would be light, unbreakable, easy to fill, ship, and sell.



2 That wasn't all. The product was a finely pulverized powder that readily absorbed and retained moisture. So it was equally as obvious that the desired container had to have a reclosure that was extra tight. The problem was placed before Continental's research department.



3 Our laboratory experts went to work. The solution came after intensive research. A new type of gasket was developed for the inside cover of the container that worked perfectly. Test packs proved it was just what was needed. The powder remained perfectly dry.

4 Today, this new product is being marketed with great success. It's popular with consumers because it's a good product . . . and because it comes in a convenient, easy-to-use container. This case is typical of hundreds of packaging problems involving research, development, and design solved by Continental every year. Have you such a problem? Bring it to Continental.

*The packaging facts of this story are taken from a true case history in our files. Names are necessarily fictitious.

CONTINENTAL CAN COMPANY
OFFICES AND PLANTS IN ALL PRINCIPAL CITIES

NATIONAL ANILINE & CHEMICAL COMPANY

Announces

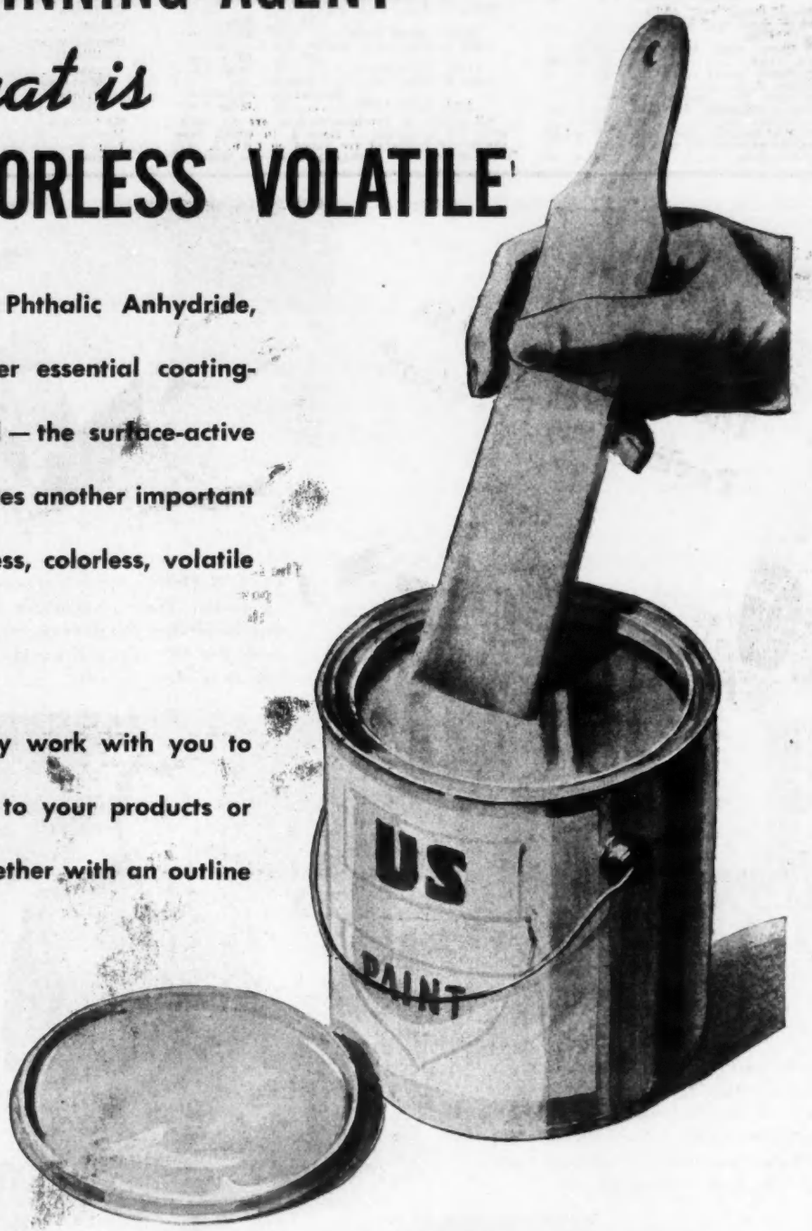
AN ANTISKINNING AGENT

that is

ODORLESS COLORLESS VOLATILE

National — a pioneer producer of Phthalic Anhydride, Maleic (Toxilic) Anhydride and other essential coating-resin chemicals as well as Nacconol — the surface-active synthetic organic detergent — announces another important technical accomplishment — an odorless, colorless, volatile Antiskinning Agent.

National Technical Service will gladly work with you to adapt this new Antiskinning Agent to your products or processes. We solicit your inquiry together with an outline of your requirements.



NATIONAL ANILINE & CHEMICAL COMPANY, INC.

Intermediates Division: 40 RECTOR ST., NEW YORK, N. Y., BOwling Green 9-2240

BOSTON . . . . 150 Causeway St.
PROVIDENCE . . 15 Westminster St.
CHICAGO . . . . 357 W. Erie St.
PHILADELPHIA . . 200-204 S. Front St.
SAN FRANCISCO . . 517 Howard St.
CHARLOTTE . . 201-203 W. First St.
GREENSBORO Jefferson Standard Bldg.
ATLANTA . . . 140 Peachtree St.
NEW ORLEANS . Masonic Temple Bldg.
CHATTANOOGA . . . James Bldg.
PORTLAND, ORE. 730 West Burnside
TORONTO . 137-145 Wellington St., W.

BRANCHES AND DISTRIBUTORS THROUGHOUT THE WORLD

Phenobarbital, 5-lb. bots.....lb. 3.95 - —
bots. or cns., 100 lbs., spot or contract..lb. 3.60 - —
25-lb. cns.....lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .12 - —
l.c.l., same basis.....lb. .12½- —
under 1,000 lbs.....lb. .13¾- —
tanks, works.....lb. .11 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .83 - —
bbls., dms., kegs., 100-250 lbs., lb. .87 - .89
yellow, fib. dms., 2,000-lb. lots, lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 2.50
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns.....lb. 2.90 - 3.00
Phenylethylphenyl acetate, bots., lb. 8.00 -15.00
Phenylhydrazine, base, CP, bots. lb. 4.00 - —
hydrochloride, CP, bots., works. lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phlorogiucinol, CP, tins, wks..lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pbble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines..... long ton. 2.15 - —
72% min., bulk, mines..... long ton. 2.40 - —
75% basis, 74% min., bulk, mines..long ton. 2.90 - —
Tenn., 72% bulk, mines..... long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases.....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 —.14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, tons.lb. .35 - —
single bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½— —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .10 - .11
Pilocarpine hydrochloride, bots., vis..oz. 3.75 - 4.00
Nitrate, bots., vis.....oz. 3.75 - 4.00
Pimento, bags.....lb. .28 - .29
Pinkroot, bls.....lb. .40 - .41
Pitch, burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l.....ton. 22.00 - —
Hardwood, 1-time dms., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .05 - .05½
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of Paris (see Gypsum).
Pleurisy root, Southern, bls....lb. .12 - .13
Podophyllin, dms., dlvd. E. of Miss..lb. 4.50 - 4.70
Poke root, bls.....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .52 - .53
Root bark, bgs.....lb. .47 - .48
Poppy flowers, red, bls.....lb. .70 - .75
Seed, Dutch, bgs.....lb. .30 - .31
Hungarian, bgs.....lb. .29½- .30
Roumanian, bgs.....lb. .28 - .29
Turkish, bgs.....lb. .27 - .27½
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd....lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .31 - .44
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
dem., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. .17 - —
kgs., 100 lbs.....lb. .19 - —
gran., bbls., 250 lbs.....lb. .17 - —
kgs., 100 lbs.....lb. .19 - —
Bichromate, spot, c.l., works.lb. .08¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
fib. dms., 100 lbs.....lb. .28 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis.lb. .03¼- —
tanks, same basis.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03½- .03¾
tanks.....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l.....lb. .06½- .06¾
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .11 Nom.
pwd., kgs.....lb. .09½- .10
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 Nom.
Chromate kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, dom., dms., works..lb. .55 - —
Cyanide, gold, 11% gold, bots., works..oz. 14.20 - 14.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots.....lb. 1.10 - —
50-lb. lots, cbys., or cns. lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Gualacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 - 1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. to 1,000 lbs..lb. .32 - .34
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.55 - —
cns., 25 lbs.....lb. 3.46 - —
Iodide, bbls., 250 lbs.....lb. 1.20 - —
bots., or cns.....lb. 1.29 - 1.55
dms.....lb. 1.20 - 1.25

Potash, kainit, 20%, K_2O, bulk, ex vessel, Atlantic or Gulf ports..ton. No prices
Manure salt, dom., min., 30%, K_2O, bulk, ex vessels, ports, unit-ton. .60 - —
import, 30%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton. No prices

Domestic manure salt prices, basis f.o.b., Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex vessel price named above. Prices in bags are $2 per ton higher than bulk prices.

Metabisulphite, kgs.....lb. .19 Nom.
Muriate, dom., min., 50% or 62%, K_2O, bulk, ex-vessel, ports..unit-ton. .53½- —
import, min., 50% or 60% K_2O, bulk, ex-vessel, Atlantic or Gulf port..unit-ton. No prices

Domestic muriate of potash prices, basis f.o.b. Carlsbad, N. M., are 11.2c. per unit of K_2O less than the ex-vessel price named above. Prices, basis f.o.b. Trona, Cal., are 8c. per unit of K_2O less than the ex-vessel price. Prices in bags are $2 per ton higher than the bulk price.

Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.l.f. ports. ton. No prices
Perchlorate, kgs., works.....lb. .09½- .11
Permanganate, tech., dms....lb. .19¼- .19¾
U.S.P., dms.....lb. .20 - .20½
Prussiate, red, bbls.....lb. No prices
Yellow, bbls.....lb. .16 - .18
Recinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lumps, bgs..lb. .07 - —
Sulphate, NF, cryst., 400 lbs., bbls..lb. .18 Nom.
100-lb. kgs.....lb. .20 - —
powd., 350 lbs., bbls.....lb. .19 Nom.
100-lb. kgs.....lb. .21 - —
tech., dom., bgs., basis 90% K_2SO_4, ex-vessel, ports. ton. 36.25 - —
bulk, same basis.....ton. 34.25 - —
imp., min., 90%, bgs., ex-vessel, Atl. or Gulf ports. ton. No prices
Xanthate, dms., c.l..... .lb. .13 - —
Potash-magnesia, sulphate, dom., bgs., 40%, K_2SO_4, ex-vessel, ports..ton. 27.00 - —
bulk, same basis.....ton. 25.00 - —
Potash-soda ferricyanide, dms., works..lb. .36 - .39
Potash titanium oxalate, 350-lb. bbls..lb. .40 - —
100-lb. dms.....lb. .40 - —
Prickly ash bark, bls.....lb. .12 - .13
Berries, bgs.....lb. .28 - .30
Prince's pine herb, bls.....lb. .22 - .23
Propane, tanks, Group 3.....gal. .03¾- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .85 - .90
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F., and coarser, bbls., 3 or over, works..lb. No prices
less than 3, works.....lb. No prices
F and I, bbls., 3 or over, works..lb. No prices
less than 3, works.....lb. No prices
O, O—½, O—¾, and ½, bbls., 3 or over, works..lb. No prices
less than 3, works.....lb. No prices
Ital.-grd., bgs., c.l., ship., ex dock, N.Y..ton. No prices
l.c.l., 5-29 tons, ex whse.. ton. No prices
1,000-10,000 lbs., ex whse. ton. No prices
2 bgs. to 1,000 lbs., ex whse..ton. No prices
single bgs., ex whse..ton. No prices
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dm....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2 grams pyrethrins per 100 cc., dms., dlvd..gal. 4.75 - 4.95
(30 to 1-, 3 grams pyrethins per 100 cc., dms., dlvd..gal. 7.20 - —
Pyrethrum flowers, coarse, grnd. (g.f.p.), 9% pyrethrins, frt, alld., bbls..lb. .23 - .25
fine powd., 9% pyrethrins, frt. alld., bbls..lb. .25 - .26
Pyridin, denaturing, dms....gal. 1.71 - —
refd., 2°, dms.....lb. .48 - —
Pyrites Spanish, bulk, c.l.f. Atl. ports..unit-ton. No prices
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophylite, standard, 200 mesh, c.l., mines..ton. 9.00 - —
325 mesh, same basis.....ton. 12.00 - —
No. 3, 200 mesh, c.l., mines.ton. 7.50 - —
325 mesh, same basis.....ton. 12.00 - —
Pyroxylin scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
china white, ivory, cs., works, lb. .13 - —
dense, white, cs., works....lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works..lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works..lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 25% tan, bbls., works..lb. .04¼- —
tanks, works.....lb. .03¾- —
solid, 63% tan, bgs., c.l., ex dock, plus duty..lb. .04⅞- —
clarified, 64% tan, bgs., c.l., same basis..lb. .05½- —
Queen of the meadow leaves, bgs..lb. .07¼- .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid, 50°, bbls..lb. .08½- .09½
solid, dms.....lb. .11 - .16½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flask. 163.00 -165.00
European, flasks (76 lbs. net), c.l.f., N. Y., incl. war risk insurance..flask. 250.00 - —
ex store.....flask. 252.00 - —
Quince seed, bgs.....lb. 1.10 - 1.15
Quinidine, N.F.V., cryst., cns..oz. 1.06 - —
powd., precip., cns.....oz. 1.01 - —
Sulphate, cns.....oz. .71 - —
Subject to surcharge of 7c. per oz.; see note under Quinine.

Quinine, 100 ozs., cns.....oz. .84 - —
Acetate, cans.....oz. 1.05 - —
Arsenate, cns.....oz. 1.05 - —
Arsenite, cns.....oz. 1.07 - —
Bisulphate, cns.....oz. .90 - —
Citrate, cns.....oz. .18 - —
Dihydrobromide, bots.....oz. .82 - —
Dihydrochloride, bots.....oz. .82 - —
Ethylcarbonate, cns.....oz. .85 - —
Ferrocyanide, cns.....oz. 1.07 - —
Formate, cns.....oz. 1.00 - —
Hydrochlorosulphate, cns.....oz. .81 - —
Glycerophosphate, cns.....oz. 1.20 - —
Hydrochloride, cns.....oz. .76 - —
Hydroiodide, cns.....oz. 1.05 - —
Hypophosphite, cns.....oz. 1.07 - —
Phosphate, cns.....oz. .90 - —
Salicylate, cns.....oz. .79 - —
Sulphate, USP, XI, cns.....oz. .67 - —
Sulphocarbonate, cns.....oz. 1.05 - —
Tannate, cns.....oz. .83 - —
Tartrate, cns.....oz. 1.03 - —
Valerate, cns.....oz. .90 - —
Quinine buyers must pay a surcharge of 7c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .81 - —
Subject to surcharge of 7c. per oz.; see note under Quinine.

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Argentine, bgs.....lb. .06 - .06¼
Dutch, bgs.....lb. No stocks
Indian, small, recleaned, bgs.lb. .06¾- .06¾
medium, recleaned, bags...lb. .07½- .08
Japanese, bgs.....lb. No stocks
Raspberries, dried, bls.....lb. .60 - .65
Red, alizarin lake, bbls., dlvd. N. of Tenn., and N. C. E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¾c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¾c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .90 - —
smaller lots, same basis, lb. .95 - —
lithopene, deep shade, kgs., ton lots, same basis..lb. .93 - —
smaller lots, same basis, lb. 1.00 - —
light shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
light-medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
maroon shades, bbls., ton lots, same basis..lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
kgs., ton lots, same basis, lb. 1.05 - —
smaller lots, same basis, lb. 1.10 - —
medium shade, bbls., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
Selenide, bbls., light, works.lb. 2.20 - —
maroon, works.....lb. 2.70 - —
Carmine, 40, dms., 100 lbs...lb. 4.50 - —
50 lbs.....lb. 4.60 - —
cns., 5 lbs.....lb. 4.75 - —
1 lb.....lb. 4.85 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.25 - —
Fire, toner, bbls.....lb. .85 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red oxide).
Lacquer maroon, bbls., same basis..lb. 1.25 - —
Lake C toner, bbls., same basis, alizarin, lake, contracts..lb. .90 - —
open order.....lb. .90 - —
Lithol toner, bbls., same basis, alizarin, lake, contracts.lb. .55 - —
open order.....lb. .60 - —
Rose lake, bbls.....lb. .20 - .23
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis, alizarin lake, contracts..lb. 1.10 - —
Maroon lake, 25% kgs., same basis, alizarin lake, contracts..lb. .40 - —
Oxide (see Red), purple oxide).
Mercury oxide, tech., dom., bbls. lb. 2.81 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .06½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis, alizarin lake, contracts..lb. .70 - —
open order.....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .05 - —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05½- —
Phloxin toner (see Red, Eosin toner).
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple laks, kgs.....lb. .90 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.70 - 2.00

Red, scarlet ink toner, kgs., same basis, alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y..lb. .04½- —
Toluidine toner, kgs., same basis, alizarin lake..lb. 1.05 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02⅞- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 Nom.
quicksilver, bbls.....lb. 3.12 3.17
Red dyes are listed under Dyes.
Red, precipitate, N. F., powd., fib., dms., 50 lbs. or more..lb. 3.00 - —
Red saunders wood, ground, bbls. lb. .35 - —
Resorcinol, tech., 200 lb. dms., frt., alld., E. of Miss..lb. .68 - —
smaller quantities, works..lb. .74 - —
U.S.P., cryst, 100 lbs., dms., frt., alld., E. of Miss..lb. 1.80 - —
Rhatany root, bgs.....lb. .12 - .14
Rhubarb, cs.....lb. .38 - .40
powd., bbls., kgs.....lb. .43 - .45
Riboflavin.....gram. 1.75 - 2.25
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't..lb. .32½- —
smaller lots.....lb. .33 - —
powd., bbls., 5,000 lbs., 1 ship't..lb. .31½- —
smaller lots.....lb. .32 - —
Rose flowers, pale, bls.....lb. .45 - .50
red, bls.....lb. 2.50 - 3.00
Rosemary, flowers, bls.....lb. .45 - .50
leaves, bls.....lb. .11 - .12
Rosin, gum B, bbls., ex dock.. 100 lbs. 2.05 - —
D, bbls.....100 lbs. 2.40 - —
E, bbls.....100 lbs. 2.40 - —
F, bbls.....100 lbs. 2.40 - —
G, bbls.....100 lbs. 2.23 - —
H, bbls.....100 lbs. 2.23 - —
I, bbls.....100 lbs. 2.35 - —
K, bbls.....100 lbs. 2.65 - —
M, bbls.....100 lbs. 2.67 - —
N, bbls.....100 lbs. 2.85 - —
W. G., bbls.....100 lbs. 3.10 - —
W. W., bbls.....100 lbs. 3.30 - —
X, bbls.....100 lbs. 3.30 - —
wood, F.F., spot, bbls..100 lbs. 2.40 Nom.
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton. 25.50 - —
l.c.l., f.o.b. mines....ton. 37.50 - —
import, lump, bbls.....lb. No prices
powd., bbls.....lb. No prices
Rue, bls.....lb. .30 - .35

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Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.45 - —
cns., 25 lbs.....lb. 1.48 - 1.50
Safflower, bls.....lb. .35 - .40
Saffron, Mexican, bls.....lb. .35 - .40
Spanish, tins.....lb. 23.00 -24.00
Safrol, cns.....lb. .90 - —
dms.....lb. .85 - —
Sage, Dalmation, garden, bls..lb. No stocks
ground, bbls.....lb. 1.40 - 1.45
stemless, bls.....lb. No stocks
Greek, bls.....lb. .65 - .70
Sago flour, bgs.....lb. .03½- .04
Salicin, bots., 5 lbs.....lb. 7.04 - —
cns., 25 lbs.....lb. 7.00 - —
Salol, gran., bbls., 200 lbs....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N.Y....ton. 13.70 - —
l.c.l., bgs., dlvd., N.Y...ton. 15.50 -16.10
vacuum, common, fine, bgs., c.l., dlvd., N.Y..ton. 15.70 - —
l.c.l., dlvd., N.Y.....ton. 16.60 -19.70
Saltcake, grd., dom., bbls., works, ton. 24.00 Nom.
bulk, works.....ton. 17.00 Nom.
import, bulk, c.l.f.....ton. 16.50 Nom.
Chrome (see Chrome cake).
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls..100 lbs. 8.60 - 9.60
1-9 tons.....100 lbs. 8.75 - 9.75
less than ten lots..100 lbs. 9.00 -10.00
gran., bbls., 10-20 tons, 100 lbs. 7.60 - —
1-9 tons.....100 lbs. 7.75 - —
less than ten lots..100 lbs. 8.00 - —
powd., bbls., 10-20 tons.100 lbs. 8.60 - —
1-9 tons.....100 lbs. 8.75 - —
less than ten lots...100 lbs. 9.00 - —
Santonin, cryst., cns.....kilo. 150.00-155.00
Saponin, crude, cns.....lb. 2.25 - 2.50
Purified, cns., 25 lbs.....lb. 3.00 - 3.25
Sarsaparilla root, Honduras, bls., lb. .28 - .30
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .14
select, bls.....lb. .19 - .20
Savory, bales.....lb. 1.50 - 1.60
Saw palmetto berries, bgs.....lb. .08 - .09
Scammony root, bgs.....lb. .07 - .08
resin, lump, cns.....lb. .85 - —
powd., bxs.....lb. .90 - —
Schaeffer's salt, bgs.....lb. .46 - —
Seidlits mixture, bbls., 5,000 lbs., 1 shipment..lb. .23½- —
smaller lots.....lb. .26 - —
kegs, 5,000 lbs., 1 shipm't..lb. .26 - —
smaller lots.....lb. .26½- —
Selenium, pwd., A, 10-lb. tins..lb. 2.00 - —
100-lbs. cases.....lb. 1.75 - —
Senega root, spot, bls.....lb. .85 - .87
Senna leaves, Alexandria, half leaf, bls..lb. .18 - .20
siftings, bgs.....lb. .17 - .19
Tinnevelly, No. 1, bls.....lb. .12 - .13
2 bls.....lb. .10 - .11
3 bls.....lb. .08½- .09
powd., bbls., bxs.....lb. .12 - .13
Pods, bls.....lb. .09 - .10
Serpentaria root, bls.....lb. .60 - .65
Shellac, bleached, bonedry, bbls., f.o.b. N.Y..lb. .26 - .27
dlvd., Boston.....lb. .26½- .27¼
Chicago.....lb. .26¾- .27¾
Pacific Coast.....lb. .29 - .30
rfd., bbls., f.o.b. N.Y.....lb. .32 - .33
dlvd., Boston.....lb. .32½- .33¼
Chicago.....lb. .32¾- .33¾
Pacific Coast.....lb. .35 - .36
Garnet, bgs.....lb. .20 - .21
D.C., V.S.O., or Diamond I, cs..lb. .27 - .28
Superfine, bgs., f.o.b. Bost., N.Y..lb. .16½- .17
dlvd., Chicago.....lb. .17 - .17¼
Pacific Coast.....lb. .19½- .20
T.N., bgs., f.o.b. Bost., N.Y. lb. .16 - .16¼
dlvd., Chicago.....lb. .16½- .17
Pacific Coast.....lb. .19 - .19⅛

Shellac—Soda, Sulphate

Shellac, varnish, Metro, orange, 5-lb. cut, bbls..gal. 1.15 - 1.20
4½-lb. cut, bbls.....gal. 1.10 - 1.15
4-lb. cut, bbls.....gal. 1.05 - 1.10
white, 5-lb. cut, bbls.....gal. 1.25 - 1.30
4½-lb. cut, bbls.....gal. 1.20 - 1.25
4-lb. cut, bbls.....gal. 1.15 - 1.20
Prices, divd., Boston or Chicago, 10c. per gal. higher.

Silica, amorph, dry-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.17.00 - —
l.c.l., 2½ tons, works, ton.19.00 - —
smaller lots, works. ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.19.00 - —
l.c.l., 2½ tons, works. ton.21.00 - —
smaller lots, works.ton.25.00 - —
95-97%, 400 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works. ton.25.00 - —
smaller lots, works.ton.28.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, wks.ton.21.50 - —
smaller lots, works.ton.23.00 - —
amorph., wet-grd., 99% 325 mesh, bgs., c.l., works.ton.22.00 - —
l.c.l., 2½ tons, works. ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 98½%, 325 mesh, bgs., c.l., works..ton.18.50 - —
l.c.l., works.....ton.18.50 - —
140 mesh, bgs., c.l., works. ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .54¾- —
Govt. purchase, dom., metal. oz. .7111- —
Govt. purchase, foreign metal. oz. .35 - —
Cyanide, cns., 2,500 ozs.....oz. No price
1,000 ozs.....oz. No price
500 ozs.....oz. No price
80 to 100 ozs.....oz. No price
Nitrate, vis.....oz. .26¾- —
Nucleinate, bots., cns., 480-oz. lots..oz. .30 - .31
Proteinate, bots., cns., 480-oz. lots..oz. .29 - .30
Simarubva barks, bls.....lb. .30 - .35
Skullcap, Eastern, bls.....lb. .23 - .24
Western, bls.....lb. .14 - .15
Skunk cabbage root, bls.....lb. .11 - .12
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .20 - .22
Smalt, black, extra velvet, cnts., lb. .06 - .08
Blue, cnts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .13 - .14
crushed, bls., bbls.....lb. .16 - .17
cut, German, bls., bbls.....lb. No stocks
dom., bbls.....lb. .22 - .23
powd., bbls.....lb. .20 - .21
Soda, acetate, anhyd., dms., divd. lb. .08¼- .10
flake, gran., powd., 60%, dms., c.l., divd..lb. .04 - —
l.c.l., divd..lb. .04½- .05
powd., 96%, dms., c.l., divd., lb. .06 - —
l.c.l., divd.....lb. .08¾- —
Alginate, dms., bbls., works..lb. .69 - .70
Antimoniate, bbls., divd.....lb. .14½- .15
Arsenate, dms., dealers, c.l., works..lb. .07 - .08
l.c.l., dms., works.....lb. .07¾- .08¾
Arsenite, dry, gray, dms., c.l., dealers, works..lb. .06½- .07½
l.c.l., dms., works.....lb. .07¼- .09¼
white, dms., c.l., dealers, works..lb. .08 - .09
l.c.l., dms., works.....lb. .08¾- .10¾
Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Soda ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works.....100 lbs. .95 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works.....100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. — - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, lbs. 1.05 - 1.06
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
58%, bbls., c.l., works, 100 lbs. 1.35 - —
bbls., l.c.l., Zone 1..100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1: All Northern U.S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia.; parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N. H. and Vt.; special local zone prices apply for ship't to various counties. Zne 2: Ark., East of 98° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa (except Davenport), Ga., Minn., Mo. (except St. Louis), N. and S. C. and Tenn. Zone 3: Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso), N. and S. D., Okla., Ark., W. of 98° Meridian. Zone 4: El Paso, Tex.; Ariz., Colo., Idaho, Mont., Nev., N. M., Utah and Wyo.

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., fib., 4,000 lbs. or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
powd., bbls., c.l., works... 100 lbs. 1.85 - —
l.c.l., divd., N.Y..100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., divd., N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06¾- —
l.c.l., 5 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks., or 2 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11½- .12
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
38 deg., bbls., c.l., works.. 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —

Soda, bisulphite, solution, 35 deg., bbls., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works...100 lbs. 1.65 - —
44 deg., bbls., works..100 lbs. 1.85 - —
l.c.l., bbls., works...100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .27 - —
5ber dms., 100 lbs.....lb. .28 - —
Cacodylate, 1-kilo bots.....lb. No prices
Carbonate (see Soda ash, soda monohydrated, soda sal).

Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
dms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.80
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
sellers' tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
sellers' tanks, works, 100 lbs. 2.00 - —
solid, 76% ammon., process, dms., c.l., works..100 lbs. 2.80 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.80 - —

Soda, caustic, solid, electro process, dms., l.c.l., same zone prices as ammon. process. Caustic soda, l.c.l., prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08¼
Chromate, spot, c.l., works..lb. .08¼- —
l.c.l., 6 cks., 10 bbls. or over, works..lb. .08¾- —
smaller quantities.....lb. .09¾- —
Citrate, USP VIII, 225-lb. bbls., lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100-lb. lots.....lb. .25 - —
powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., dms. lb. .14 - .15
imports, 90%, cs.....lb. No price
Diacetate, 33-35% acidity, bbls., divd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., frt. alid..lb. .07 - —
l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.

Glycerophosphate, NF, cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, dms.....lb. .17 - .18
Hydroxide, USP, sticks, cns., 100 to 1,000-lb. lots..lb. .22 - .24
Hypophosphite, N. F., cns., 100-lb. lots..lb. .67 - —

Soda, hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis...100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd..100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea, bgs., c.l. works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works...100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
dms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works..100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
dms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., works, 100 lbs. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
dms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
dms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.49 - —
Iodide, jars.....lb. 2.42 - —
bots.....lb. 2.53 - 2.57
Mandelate, dms., 100-lb. dms.lb. 3.25 - —
Metanilate, bgs.....lb. .41 Nom.
Metasilicate, anhydr., dms., c.l., works, frt. equald..100 lbs. 3.75 - —
15 dms. and over, divd. N.Y..100 lbs. 4.65 - —
3-14 dms., same basis.. 100 lbs. 4.80 - —
1-2 dms., same basis.. 100 lbs. 5.05 - —
gran., bbls., c.l., works....lb. 2.35 - —
10 bbls. and over, divd., N.Y..lb. 3.10 - —
1-9 bbls., divd. N.Y.....lb. 3.35 - —
Molybdate, kgs., works.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., divd., f.o.b. cars producing point or ports, rail or boat shipment..ton.29.40 - —
200-lb. bgs., same basis.. ton.26.70 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 ton.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons.100 lbs. 5.50 - —
1-9 tons.....100 lbs. 5.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized, lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .06 - —
l.c.l. .....lb. .06¾- .11½
Soda nitrite l.c.l. prices range represents delivery at various points.
Othosilicate, anhy., dms., c.l., works, frt. equal'd..lb. 4.50 - —
15 dms. and over, same basis..lb. 5.45 - —
3-14 dms., same basis..lb. 5.60 - —
1- 2 dms., same basis..lb. 5.85 - —
flake, dms., c.l., works.. 100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .09 - —
kgs.....lb. .10 - .11
Perborate, NF, bbls., c.l., works, lb. .14¾- —
l.c.l., works.....lb. .15½- —
Pentachlorphenate briquets, single bgs., works..lb. .26 - —
10 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 6.10 - —
bbls., c.l., works...100 lbs. 5.35 - —
l.c.l., works.....100 lbs. 6.30 - —
cryst., tech., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.50 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.70 - —
monobasic, anhyd., bgs., c.l., works..100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works..lb. 2.25 - —
l.c.l., works.....100 lbs. 2.65 - —
bbls., c.l., works...100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.85 - —
bgs., c.l., works...100 lbs. 2.95 - —
l.c.l., works.....100 lbs. 3.35 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., dms., works..lb. .11½- .14
Picramate, kgs.....lb. .66 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10½- —
contracts .....lb. .09½- —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhyd., bgs., c.l., works, frt. equal'd.100 lbs. 5.19 - —
l.c.l., same basis..100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal., bgs., divd. N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., divd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1...100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —
Soda-sesquicarbonate l.c.l. prices are on same basis as those for soda ash and caustic soda. The sales are also the same.
Sesquisilicate, dms., c.l., works, 100 lbs. 2.00 - —
10 dms. or over, divd. N. Y. C., lb. 4.00 - —
1-9 dms.....lb. 4.25 - —
Silicate, 40° turbid, dms., c.l., works..lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls....lb. No prices
import, bbls.....lb. .06½ Nom.
Stannate, dms.....lb. .32½- .35½
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).

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Send FOR DETAILS AND SUGGESTIONS

Soda, sulphide, cryst., bbls., c.l., works	100 lbs.	2 25 - —
l.c.l., 5 tons or over, dlvd.,	100 lbs.	2.75 - —
less than 5 tons, dlvd.,	100 lbs.	3.00 - —
solid, bbls., c.l., works	100 lbs.	3.00 - —
l.c.l., 5 tons or over, dlvd.,	100 lbs.	3.50 - —
less than 5 tons, dlvd.,	100 lbs.	3.75 - —
Sulphite, cryst., bgs., 100 lbs., works	lb.	2.10 - 2.85
bbls.	100 lbs.	2.30 - 3.55
powd., bbls., c.l.	100 lbs.	3.25 - —
l.c.l., 5 or more	100 lbs.	3.50 - —
1 to 4	100 lbs.	6.00 - —
Sulphocarbolate, bbls., dms.	lb.	.27 - .31
Sulphocyanide, dms., cns.	lb.	.23 - .47
Sulphhydrate, liquid, 38%, basis 100%, dms., c.l., f.o.b. works	lb.	.05½- —
l.c.l., works	lb.	.06 - —
single dm. lots, works	lb.	.06 - —
tanks, works	lb.	.04½- —
Sulphoricinolate, bbls.	lb.	.12 - —
Thiosulphate (see Hyposulphite).		
Tungstate, CP, kgs.	lb.	No prices
tech., kgs	lb.	No prices
Solvent, naphtha, dms., wks.	gal.	.31 - —
tanks, E. of Omaha, frt. alld.,	gal.	.26 - —
W. Coast, f.o.b. Minneapolis, Colo.	gal.	.26 - —
high-flash, dms., works	gal.	.31 - —
tanks, E. of Omaha, frt. alld.	gal.	.26 - —
Sorbitol, com'l, dms., c.l., works,	lb.	.14¾- —
ton lots, contracts, works,	lb.	.15¼- —
smaller lots, works	lb.	.15¾- —
Soybean protein, bgs., c.l., works,	lb.	.11½- —
l.c.l., works	lb.	.11¾- .15
Sparteine sulphate, cns.	oz.	3.00 - 3.25
Spearmint leaves, bls.	lb.	.30 - .31
Spikenard root, bls.	lb.	.16 - .17
Spruce extract, reg., bbls., c.l., works	lb.	.01¾- —
tanks, works	lb.	.01½- —
powd., super, bgs., c.l., works,	lb.	.04 - —
super, bbls., c.l., works	lb.	.01¾- —
tanks, works	lb.	.01¾- —
Squawvine, leaves, bls.	lb.	.14 - .15
Squill, red, powd.	lb.	1.25 - 1.30
White, bls.	lb.	No prices
powd., bbls., bxs.	lb.	No prices
St. Ignatius beans, bgs.	lb.	.45 - .46
St. John's Bread, edible, bls.,	lb.	.15 - .20
inedible, bls.	lb.	.09 - .10
Starch, corn, pearl, bgs., f.o.b. Chicago	100 lbs.	2.95 - —
dlvd., N. Y.	100 lbs.	3.30 - —
powd., bgs., f.o.b. Chicago.	100 lbs.	3.05 - —
dlvd., N. Y.	100 lbs.	3.40 - —
Potato, dom., bgs.	lb.	.04½- .06½
import, bgs.	lb.	No price
Rice, bbls.	lb.	.07¼- .06¾
Sweetpotato, bgs.	lb.	.06¾- —
bbls.	lb.	.07 - —
Wheat, thick, boil, bgs.	lb.	.05 - —
Starch, iodide, bots.	lb.	1.87 - —
Staveacre, seed, bgs.	lb.	.35 - .40
Stearin, oleo, bbls.	lb.	.06¾ Nom.
Stillingia root, bls.	lb.	.07¼- .06
Stoneroot, bls.	lb.	.07½- .06
Storax, cs.	lb.	.75 - .80
Stramonium leaves, bls.	lb.	.45 - .50
Strontium bromide, cns.	lb.	.53 - .55
Carbonate, NF, IV, 250-lb. bbls.	lb.	No prices
tech., 89-100%, precip., bbls.,	lb.	.25 Nom.
Strontium, chloride, tech., bbls.,	lb.	.20 - .22
Iodide, bots., 5 lbs.	lb.	3.06 - —
jars, 25 lbs.	lb.	3.00 - —
Nitrate, dom., bbls., c.l., works,	lb.	.07¾- —
25 bbls. and over	lb.	.08¼- —
1-24 bbls. and over	lb.	.09¾- —
Strophanthus seed, Kombe, bgs.	lb.	3.75 - 4.00
Strolyl acetate, bots.	lb.	3.10 - 3.20
Strychnine, cryst., cns., 100-oz. lots	oz.	.60 - —
Acetate, 25-oz. cns., 100-oz. lots	oz.	.79 - —
Arsenate, 25-oz. cns., 100-oz. lots	oz.	.82 - —
Arsenite, 25-oz. cns., 100-oz. lots	oz.	.79 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots	oz.	.80 - —
Hydrochloride, 25-oz. cns., 100-oz. lots	oz.	.79 - —
Hypophosphite, 25-oz. cns., 100-oz. lots	oz.	.91 - —
Nitrate, 25-oz. cns., 100-oz. lots	oz.	.73 - —
Phosphate, 25-oz. cns., 100-oz. lots	oz.	.80 - —
Sulphate, cryst., cns., 100-oz. lots	oz.	.50 - —
powd., cns., 100-oz. lots	oz.	.40 - —
Sucrose Octa-acetate, denat. grade, bbls., l.c.l., works	lb.	.45 - —
tech., bbls., l.c.l., works	lb.	.40 - —
Sugar coloring, bbls.	gal.	.75 - 1.45
Milk, bbls., c.l.	lb.	.16 - —
l.c.l., 10 or over	lb.	.17 - —
less than 10	lb.	.18 - —
Sulfanilamide, 5 lbs., bots.	lb.	1.70 - —
fib. dms., 1,000 lbs., 1 delivery,	lb.	1.25 - —
100 lbs.	lb.	1.30 - —
25-lb. lots	lb.	1.45 - —
Sulfapyridine, powd., for hospitals, 5-grain bots.	bot.	1.25 - —
Sulphonethylmethane, kgs.	lb.	6.75 - 6.80
Sulphonmethane, kgs.	lb.	5.25 - —
Sulphur, crude, bulk, f.o.b. cars, mines, contracts	long ton.	16.00 - —
f.o.b. steamers, Gulf ports, contract	long ton.	17.50 - —
Flowers, USP, bgs., c.l., mine, 100 lbs.		2.80 - —
l.c.l., mine	100 lbs.	3.35 - —
bbls., c.l., mine	100 lbs.	3.15 - —
l.c.l., mine	100 lbs.	3.70 - —
Flour, comm'l., bgs., c.l., mine, 100 lbs.		1.40 - —
l.c.l., mine	100 lbs.	1.95 - —
Refined, cast, bgs., c.l., mine, 100 lbs.		1.95 - —
l.c.l., mine	100 lbs.	2.50 - —
heavy, USP, bgs., c.l., mine, 100 lbs.		2.35 - —
l.c.l., mine	100 lbs.	2.90 - —
bbls., c.l., mine	100 lbs.	2.70 - —
l.c.l., mine	100 lbs.	3.25 - —
light, USP, bgs., c.l., mine, 100 lbs.		2.45 - —
l.c.l., mine	100 lbs.	3.00 - —
bbls., c.l., mine	100 lbs.	2.80 - —
l.c.l., mine	100 lbs.	3.35 - —
lump, bgs., c.l., mine	100 lbs.	1.95 - —
l.c.l., mine	100 lbs.	2.50 - —
bbls., c.l., mine	100 lbs.	2.10 - —
l.c.l., mine	100 lbs.	2.65 - —
roll, bgs., c.l., mine	100 lbs.	2.15 - —
l.c.l., mine	100 lbs.	2.70 - —
bbls., c.l., mine	100 lbs.	2.30 - —
l.c.l., mine	100 lbs.	2.85 - —
Rubbermakers, comm'l, 90½%, bgs., c.l., frt. alld.	100 lbs.	2.00 - —
Sulphur, refined, 100%, bgs., c.l., frt. alld.	100 lbs.	2.85 - —
Chloride, 55-gal. dms., c.l.	lb.	.03 - —
l.c.l., dms., works	lb.	.04 - —
10-gal. dms., c.l.	lb.	.07 - —
l.c.l.	lb.	.08 - —
Dioxide, liquid, comm'l, cyls., work.	lb.	.07 - .09
multi-unit, cars, works	lb.	.04½- .07
tanks, works	lb.	.04 - .06
refrigeration, cyls., works	lb.	.16 - .40
multi-unit cars, works	lb.	.07½- .10
Iodide, bots., jars	lb.	3.90 - 4.05
Precipitated, USP, bbls.	lb.	.17 - .22
Sumac, grd., Sicilian, f.a.s.	ton.	No prices
leaf, f.a.s.	ton.	No prices
Extract, 42°, bbls.	lb.	.06 - .06¼
51°, bbls.	lb.	.07 - .07¼
stainless, bbls.	lb.	.09 - .11
Berries, bgs.	lb.	.10 - .12
Sunflower seed, Calif., large, bgs.,	lb.	.06½- .07
medium, bgs.	lb.	.06 - .06¼
poultry, Argentine	lb.	.05¼- .05¾
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto.,	ton.	8.50 - —
run-of-pile, basis 16%, bulk, same basis	ton.	8.00 - —
triple, 40-48%, a.p.a., bulk, f.o.b. Balto.	unit-ton.	.68 - —

T

Talc., dom., Calif., 1, bgs., c.l., mills	ton.	20.00 - —
2, bgs., c.l., mills	ton.	17.00 - —
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills	ton.	14.00 -16.00
l.c.l., mills	ton.	16.00 -18.00
Talc, dom., 96-98%, 325 mesh, c.l., mills	ton.	15.00 -17.00
l.c.l., mills	ton.	17.00 -19.00
98-99½%, 325 mesh., bgs., c.l., mills	ton.	15.25 -17.25
l.c.l., mills	ton.	17.25 -19.25
98-99½%, 325 mesh, bgs., l.c.l., mills	ton.	17.25 -19.25
99.85-99.95%, 325 mesh., bgs., c.l., mills	ton.	17.00 -19.00
coarse, off color, bgs., c.l., mills	ton.	11.00 -13.00
Ohio, flake, type grd., bgs., c.l., mills	ton.	21.00 - —
l.c.l., mills	ton.	24.50 - —
Vermont, bgs., c.l., mills	ton.	14.00 - —
l.c.l., ex whse.	ton.	25.00 - —
Imp., Canad., bgs., c.l., mills,	ton.	No prices
French, high-grade, bgs., l.c.l., ex whse.	ton.	No prices
ordinary, bgs., c.l., ex dock, arrival.	ton.	No prices
l.c.l., ex whse.	ton.	No prices
Italian, 1, bgs., ex dock, arrival.	ton.	No prices
ex whse.	ton.	No prices
2, bgs, ex dock, arrival.	ton.	No prices
Tallow, extra, loose	lb.	.05 - —
special, loose	lb.	.04½- —
sulphonated, 35% (24% fat), dms., c.l.	lb.	.03¾- —
l.c.l.	lb.	.04¾- —
50% (43% fat), dms., c.l.	lb.	.05¼- —
l.c.l.	lb.	.06¼- —
50% (43% fat), dms., c.l.	lb.	.05¾- —
l.c.l.	lb.	.06¾- —
Tamarind, No. 1, bbls.	lb.	.06 - .07
kegs	keg.	6.00 - 8.00

Soda, Sulphide—Terpin Hyd.

Tankage, fertilizer, animal, dom., grd., 9% ammon., 10% b.p.l., bulk, basis N.Y.	unit-ton.	2.50 & .10
10-11% ammon., 15% b.p.l., oulk, basis Chi.	unit-ton.	2.50 & .10
feeding, unground, 9-11% ammon., 15-20% b.p.l., bulk, basis N.Y.	unit-ton.	2.50 & .10
high-grade, bulk, Chicago	unit-ton.	2.75 & .10
import, S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, January shipments,	unit-ton.	2.60 & .10
Tansy leaves, bls.	lb.	.22 - .23
Tapioca flour, bgs.	lb.	.03 - .05
Tar acid oil, 15%, dms., c.l., works	gal.	.22 - —
l.c.l., same basis	gal.	.24 - —
25%, dms., c.l., works	gal.	.25 - —
l.c.l., same basis	gal.	.27 - —
Tar, pine, retort, dms., c.l., dlvd. E. cities	gal.	.27 - —
ports	gal.	.26 - —
l.c.l.	gal.	.27 - —
tanks, dlvd. E. cities	gal.	.21 - —
Tarragon herb, bgs.	lb.	1.10 Nom.
Tartar emetic, tech., fine gran. or powd., bbls., 5 or more.	lb.	.39¾- —
less than 5	lb.	.40 - —
USP, powd., bbls.	lb.	.45 - —
Terebene, cns.	lb.	.75 - .85
Terpinyl acetate, cns.	lb.	.80 - .85
Terpin hydrate, bgs.	lb.	.60 - .65

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1881

1941

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Terpineol—Zinc Oxide

Terpineol, CP, cns.....lb. .26 - —
dms.....lb. .23 - —
alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —

Terra alba (see Gypsum).

Tetrachlorethane, dms., wks..lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech. (see Perchloroethylene).
Tetralin, dms.....lb. .18 - —
Tetrasodium pyrophosphate (see soda pyrophosphate).
Thallium sulphate, 99% pure, cons., works..lb. 5.00 - 7.00
Theobromine, dms.....lb. 2.90 - 3.00
Sodiosalicylate, cns.....lb. 2.15 Nom.
dms.....lb. 1.95 Nom.
5-lb. bots.....lb. 2.31 - 2.36
Thiocarbanilide, dms.....lb. .24 - —
Thorium nitrate cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .62 - .67
Spanish, bls.....lb. .11½- .12
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - 1.50
Iodide, kgs., 50 lbs.....lb. 3.40 - —
25 lbs.....lb. 3.50 - —
Thiamine hydrochloride, cns.gram. .99 - 1.00
Timbo root (see Cube root).
Tin chloride (ous), anhyd.....lb. .47 - .47½
Crystals, bbls., kgs.....lb. .38 - .38½
Metal, Straits.....lb. .5010- —
Oxide, bbls.....lb. .54 - .56
Tetrachloride, anhyd., bbls...lb. .25½- .25⅝
Titanium, dioxide, bgs., c.l., (20 tons)..lb. .13½- —
l.c.l., 5 tons, single delivery.lb. .13⅝- —
1,000-9,999 lbs.....lb. .14 - —
50-999 lbs.....lb. .14½- —
under 50 lbs.....lb. .16½- —
bbls., c.l. (20 tons).....lb. .13⅝- —
l.c.l., 5 tons, single delivery.lb. .14 - —
1,000-9,999 lbs.....lb. .14½- —
50-999 lbs.....lb. .14½- —
non-chalking, bgs., c.l., (20 tons)..lb. .15½- —
....., 5 tons, single delivery.lb. .15⅝- —
1,000-9,999 lbs.....lb. .16 - —
50-999 lbs.....lb. .16½- —
under 50 lbs.....lb. .18½- —
chalk-resisting, bbls., c.l., (20 tons)..lb. .15½- —
l.c.l., 5 tons, single delivery.lb. .16 - —
1,000-9,999 lbs.....lb. .16½- —
50-999 lbs.....lb. .16½- —
bgs., c.l. (20 tons).....lb. .14 - —
l.c.l., 5 tons, single delivery.lb. .14½- —
1,000-9,999 lbs.....lb. .14½- —
50-999 lbs.....lb. .14⅝- —
under 50 lbs.....lb. .17 - —
bbls., c.l. (20 tons).....lb. .14½- —
l.c.l., 5 tons, single delivery.lb. .14½- —
1,000-9,999 lbs.....lb. .14⅝- —
50-999 lbs.....lb. .15 - —
barium or magnesium base. bgs., c.l. (20 tons)..lb. .05½- —
l.c.l. .....lb. .05⅝- —
under 50 lbs.....lb. .06½- —
bbls., c.l. (20 tons).....lb. .05⅝- —
l.c.l. .....lb. .06 - —
calcium base, bgs., c.l. (20 tons)..lb. .05¼- —
l.c.l. .....lb. .05½- —
under 50 lbs.....lb. .06¼- —
bbls., c.l. (20 tons).....lb. .05½- —
l.c.l. .....lb. .05⅝- —

Carload prices are f.o.b. factories with actual freight paid. Less than carload prices are f.o.b. factories or ex warehouse with actual freight or trucking paid, except on the Pacific Coast, where they are f.o.b. warehouses.

Toluidin base, distilled, kgs....lb. .96 - —
Tolu, balsam, cns.....lb. .80 - .85
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .32 - —
tanks, E. of Omaha, frt. alld. gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
1° nitration, dms., returnable. gal. .33½- —
tanks, E. of Omaha, frt. alld. gal. .28½- —
W. Coast, f.o.b. Minnequa, Colo..gal. .28½- —
Tonga vine, F, bls.....lb. .65 - .70
root, bls.....lb. .65 - .70
Tonka beans, Angostura, cks...lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .80 - .90
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works. lb. .27 - —
Triamylamine, l.c.l., works....lb. .90 - —
Tributylamine, dms., c.l., works. lb. .67 - —
l.c.l., same basis.....lb. .70 - —
tanks .....lb. .65 - —
Tributyl citrate, ton lots, 475-lb. dms..lb. .24 - —
smaller lots.....lb. .26 - —
Phosphate, dms., l.c.l., dlvd..lb. .42 - —
cns., works.....lb. .46 - .48
Trichlorobenzene, dms., c.l., frt. alld..lb. .07 - —
l.c.l., same basis.....lb. .07½- —
tanks .....lb. .06½- —
Trichlorethylene, dms., c.l., works., frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis...lb. .08½- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09½- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following States:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del.; Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
Tech., dms.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl citrate, ton lots, 500-lb. dms..lb. .24 - —
smaller lots.....lb. .26 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works.ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal powd., 90%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem. grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .07½- .08
Madras, bgs.....lb. .07¼- .07⅝
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .47½- —
l.c.l., 10 ex dock.....gal. .49½- —
5 ex dock.....gal. .51½- —
wood, dest., dist., dms., c.l., dlvd. E. ports..gal. .35 - —
l.c.l. .....gal. .36 - —
tanks, dlvd., E. cities..gal. .30 - —
steam-dist., dms., c.l., dlvd.gal. .40 - —
l.c.l., dlvd.....gal. .43 - —
tanks, dlvd.....gal. .35 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs.....lb. 2.55 - —
yellow, kgs.....lb. 1.65 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N. C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans..ton.85.00 - —
5 tons, f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del..ton.85.00 - —
smaller lots, f.o.b. Newark, New York, Philadelphia, ton.91.00 - —
any quantity, f.o.b. Belle, W. Va..ton.85.00 - —
import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., ship..ton. No prices
smaller lots, f.o.b. N. Y. whse..ton. No prices
pure, cs.....lb. .12 - —
Urea-ammonia, basis 42% N., bulk, c.l., f.o.b. Belle, W. Va., or Atl., Gulf ports.ton.57.40 - —
bags, same basis.....ton.59.40 - —
45% N., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. ton.121.58 - —
37% N. (insoluble), f.o.b. Belle, W. Va., or Atl., Gulf ports..ton.127.00 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .85 - .90
Valonia, beards, bgs., f.a.s...ton. No price
cups, bgs., f.a.s.....ton. No price
Vanadium pentoxide, C.P., bgs., cns., works..lb. 7.00 - —
tech., dms., works.....lb. 1.10 - —
Vanilla beans, Bourbon, tins..lb. 9.50 Nom.
Mexican, tins.....lb. 9.50 Nom.
cuts, tins.....lb. 8.00 Nom.
South American, tins.....lb. 9.50 Nom.
Tahiti, tins.....lb. 5.75 Nom.
Oleoresin, bots.....lb. No quotations
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs.....lb. 1.25 - 1.30
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works.....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .40 - .41
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.37.50 -39.50
Extract, solid, bgs.....lb. .03⅞- —
Wax, bayberry, import, bgs..lb. .19 - .20
Bees, white, bleach, slabs, cs., 1 to 5 cases lots..lb. .36½- —
cakes, 1 to 5 cs., lots..lb. .37½- —
discs, 1 to 5 cs., lots.lb. .38½- —
yellow, crude, Africa, 10-bg. lots..lb. .30 Nom.
1 bg.....lb. .30½ Nom.
Brazil, bgs., 5-ton lots.lb. .31 - .32
1 ton.....lb. .31½- .32½
500 lbs.....lb. .32 - .33
100 lbs.....lb. .32½- .33
refd., slabs, cs., lbs.....lb. .35 - .36
Candelilla, bgs., 1 ton.....lb. .19 - .19½
Jobbing lots.....lb. .19½- .20
Carnauba, No. 3 chalky, bgs., 1 ton..lb. .58 - .59
5 bgs.....lb. .58½- .59½
1 bg.....lb. .59 - .60
N. C., 2, bgs., 1 ton.....lb. .67 - .68
N. C., 3, bgs., 1 ton.....lb. .58 - —
5 bgs.....lb. .59½- .60½
1 bg.....lb. .60 - .61
refined, bgs.....lb. .64 - .65
yellow, No. 1, bgs., ton....lb. .70 - .71
5 bgs.....lb. .70½- .71½
1 bg.....lb. .71 - .72
No. 2 bgs.....lb. .67 - —
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .11 - .11½
jobbing lots.....lb. .12 - .12½
150°-160° m.p., bgs., 1 ton.lb. .13 - .13½
jobbing lots.....lb. .14 - .14½
160° m.p., bgs., 1 ton.....lb. .14 - .14½
Jobbing lots.....lb. .15 - .15½
Japan, cs.....lb. .18 - .18½
Wax, Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green congeal. p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
Snow-white, pure, 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .24 - .25
cakes, cs.....lb. .25 - .26
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.54 - —
Whiting, chalk, com'l, dry-grd., blp. bgs., c.l., works.ton.16.00 -20.00
l.c.l., works.....ton.18.00 -22.00
bbls., c.l., works.....ton.19.00 -24.00
l.c.l., works.....ton.21.00 -26.00
pap. bgs., c.l., works..ton.15.00 -18.00
l.c.l., works.....ton.17.00 -20.00
wet-grnd., blp. bgs., c.l., works, ton.18.50 -22.50
l.c.l., works.....ton.19.00 -23.00
bbls., c.l., works.....ton.21.00 -25.00
gilders, bolted, blp. bgs., c.l., works..ton.18.00 - —
l.c.l., works.....ton.19.00 - —
bbls., c.l., works.....ton.20.00 -21.00
l.c.l., works.....ton.21.00 -22.00
pap. bgs., c.l., works..ton.17.00 -18.50
l.c.l., works.....ton.18.00 -19.00
extra bolted, blp. bgs., c.l., works..ton.20.00 - —
l.c.l., works.....ton.21.00 - —
bbls., c.l., works.....ton.22.00 -23.00
l.c.l., works.....ton.23.00 -24.00
pap. bgs., c.l., works..ton.19.00 -20.50
l.c.l., works.....ton.20.00 -21.00
Paris white, blp. bgs., c.l., works, ton.19.00 - —
l.c.l., works.....ton.20.00 - —
bbls., c.l., works.....ton.22.50 -27.50
l.c.l., works.....ton.22.00 -28.00
pap. bgs., c.l., works..ton.19.60 -25.10
l.c.l., works.....ton.20.00 -26.50
Limestone, air floated, 99.75%, 250 mesh, paper bags, c.l.ton. 9.65 - —
200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works, ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
wet-grd., limestone, gilders, extra, bgs., c.l., works, ton.12.50 - —
l.c.l., 8-20 tons, works.ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works..ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .07 - .08
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bls.....lb. .13 - .14
Witch-hazel extract, dist., NF, tax extra, bbls..gal. .40 - .45
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., 60 mesh, bgs., c.l., f.o.b. N.Y...ton.24.00 -25.00
80 mesh, same basis....ton.26.00 -28.00
100 mesh, same basis....ton.30.00 -32.00
import, 70 mesh, bgs., ex dock, ton. No prices
80 mesh, bgs., ex dock..ton. No prices
100 mesh, bgs., ex dock..ton. No prices
120 mesh, bgs., ex dock..ton. No prices
Wormseed, American, bgs.....lb. .07 - .08
Levant, bgs.....lb. No prices
Wormwood, bls.....lb. 1.00 - 1.10

X

Xylol (xylene), indus., dms., returnable, works..gal. .31 - —
tanks, E. of Omaha, frt. alld. gal. .26 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
10°, dms., returnable, works, gal. .34 - —
tanks, E. of Omaha, frt. alld. gal. .29 - —
5°, dms., returnable, works, gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .39 - —
3°, dms., returnable, works.gal. .48 - —
tanks, E. of Omaha, frt alld. gal. .46 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.55
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .55 - —
bottles, same basis.....lb. .60 - .64
imp., bbls., same basis.....lb. .55 - —
Cadmium, CP, import., bxs..lb. 1.35 - 1.40
lithopone, all shades, bbls., 1 ton, works., frt. alld...lb. .50 - —
smaller lots, same basis..lb. .55 - —
kgs., ton lots, same basis, lb. .55 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, bbls., works. lb. .75 - —
Chrome, CP., bbls., dlvd., N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul contracts. lb. .13½- —
open order.....lb. .14½- —

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Yellow, Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .05⅝- —
yellow A, bbls., works....lb. .02¼- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01⅝- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans for import..lb. .02475 Nom.
New York (f.o.b.)..lb. .02⅝ Nom.
Philadelphia for import..lb. .02⅜ Nom.
ex dock San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02⅝ Nom.
Phila., for import...lb. .02⅜ Nom.
Portland, Seattle....lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto, Boston, N. Orleans..lb. .02725 Nom.
ex whse., Indianapolis, Kan. City, Milwaukee, St. Louis..lb. .03⅜ Nom.
New York.....lb. .03 Nom.
Pittsburgh.....lb. .03¼ Nom.
Portland, Seattle....lb. .03⅜ Nom.
San Pedro, S. Francisco..lb. .03¼ Nom.
f.o.b. N.Y., from dock, lb. .02⅜ Nom.
from whse.....lb. .03½ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis, chrome CP, contracts..lb. .16 - —
open order.....lb. .16 - —
Navy specification type, contracts..lb. .16 - —
open order.....lb. .16 - —
Yellow dock root, dom., bls....lb. .17 - .18
Yellow root (xanthoriza), bls..lb. .11 - .13
Yerba santa leaves, bls.....lb. .09 - —
Yohimbine hydrochloride, vls..oz. 3.00 - 3.50

Z

Zein, bgs., 1,000 lbs. or more, works..lb. .20 - —
less than 1,000 lbs., works..lb. .25 - —
Zinc acetate, tech., bbls., dlvd., lb. .15 - .16
USP, bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies..lb. .12 - —
l.c.l., bgs.....lb. .12½- —
Zinc arsenite prices are on a frt. alld. basis to dest., in lots of 96 lbs. or over.
Carbonate, tech., bbls.....lb. .14 - .16
USP, precip., powd., bbls..lb. .32½- —
25 lb. dms.....lb. .37½- —
kgs.....lb. .34½- —
Chloride, tech., fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
USP, 200-lb. dms.....lb. .26 - —
25-lb. jars.....lb. .31 - —
solution, 50%, dms., c.l., works..lb. .0290- —
l.c.l., works.....lb. .04 - .04½
tanks, works.....lb. .0225- —
Cyanide, kgs., works.....lb. .33 - —
Dust, bbls., c.l., dlvd.....lb. .09¼- —
l.c.l., bbls., dlvd.....lb. .09⅝- —
Iodide, N. F., bots.....lb. 4.35 - —
jars .....lb. 4.20 - —
Fluoride, bbls.....lb. .20 - .25
Meta (see daily quotations in Market report).
Oxide, pigment, dom., Amer. process, com'l, lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
bbls., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .07 - —
ex whse., Pac. cst..lb. .07 - —
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
bbls., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
35%, bgs., c.l., dlvd.lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
bbls., c.l., dlvd...lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
50%, bgs., c.l., dlvd., except Pac. cst..lb. .06 - —
Pac. cst..lb. .0600- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
bbls., c.l., dlvd, except Pac. Cst..lb. .06½- —
ex whse., Pac. cst..lb. .06½- —
French process, com'l, lead free, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst..lb. .06¾- —
bbls., c.l., dlvd...lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .07 - —
ex whse., Pac. cst..lb. .07 - —

Zinc oxide, pigment, French process, green seal, bgs., c.l., dlvd..lb.	.08½-	—
l.c.l., dlvd., except Pac. cst..lb.	.08½-	—
ex whse., Pac. cst..lb.	.06½-	—
bbls., c.l., dlvd..lb.	.08½-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¾-	—
ex whse., Pac. cst..lb.	.08¾-	—
red seal, bgs., c.l., dlvd..lb.	.07¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.08 -	—
ex whse., Pac. cst..lb.	.09 -	—
Zinc oxide, pigment, French process, red seal, bbls., c.l., dlvd..lb.	.08 -	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst..lb.	.08¼-	—
white seal, bgs., c.l., dlvd..lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.09 -	—
ex whse., Pac. cst..lb.	.09 -	—
bbls., c.l., dlvd..lb.	.09 -	—
l.c.l., dlvd., except Pac. cst..lb.	.09¼-	—
ex whse., Pac. cst..lb.	.09¼-	—
pigment, imported, gold seal, cks., ex whse..lb.	No prices	
green seal, bbls., ex whse..lb.	No prices	
white, seal, cks., ex whse..lb.	No prices	
USP, bbls., c.l.....lb.	.09¾-	—
Palmitate, bbls.....lb.	.24½-	.27½
Resinate, fused, pale, bbls..lb.	.10 -	—
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.22 -	—
l.c.l., 1 ton.....lb.	.23 -	—
1,000-2,000 lbs.....lb.	.24 -	—
less than 1,000 lbs..lb.	.25 -	—
USP, bbls.....lb.	.23 -	.26
Sulphate, cryst., bgs., c.l.... 100 lbs.	3.00 -	—
l.c.l. .....100 lbs.	3.75 -	—
bbls., c.l.....100 lbs.	3.15 -	—
l.c.l. .....100 lbs.	3.90 -	—
Zinc sulphate, flake, bgs., c.l., 100 lbs.	3.35 -	—
l.c.l. .....100 lbs.	4.10 -	—
bbls., c.l.....100 lbs.	3.50 -	—
l.c.l. .....100 lbs.	4.25 -	—
powd., bgs., c.l.....100 lbs.	4.70 -	—
l.c.l. .....100 lbs.	5.45 -	—
bbls., c.l.....100 lbs.	4.85 -	—
l.c.l. .....100 lbs.	5.60 -	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.07¾-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.08 -	—
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd..lb.	.08 -	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.08¼-	—
barium, pigment, bgs., c.l., dlvd..lb.	.03¼-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.05½-	—
calcium pigments, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.05½-	—
magnesium, pigment, bgs., c.l., dlvd..lb.	.05½-	—
l.c.l., dlvd., E. or ex whse., Pac. cst..lb.	.05¾-	—
Sulphocarbolate, NF., bbls., dms..lb.	.24 -	.29
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15 -	—
l.c.l., works.....100 lbs.	5.50 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.05¾-	—
ex whse., Pac. cst..lb.	.05¾-	—

Manufactures Census Returns Are Released

Preliminary figures compiled from returns of the Census of Manufactures for 1939 have just been released by the Bureau of Census, Department of Commerce, Washington. Because they account for a neglible portion of the national output, plants with an annual production valued at less than $5,000 have been excluded since 1919. The figures, as compared with 1937, the last previous year in which the census was taken, follow:—

Animal, Vegetable Oils

	1939.	1937.
Establishments ..	54	38
Salaried personnel[1]	233	226
Salaries[1, 2]	$557,039	$734,567
Wage earners[2]....	1,108	1,068
Wages[2, 3]	$1,236,515	$1,255,988
Cost of materials[3]	$24,377,653	$30,004,760
Value of products[3]	$30,456,835	$36,200,028
Value added by makers[4]	$6,079,182	$6,195,268

Artificial Leather

Establishments ..	36	33
Salaried personnel[1]	634	692
Salaries[1, 2]	$1,673,592	$1,608,963
Wage earners[2]....	3,976	3,893
Wages[2, 3]	$5,391,326	$5,290,711
Cost of materials[3]	$25,250,079	$28,037,624
Value of products[3]	$43,434,067	$40,878,802
Value added by makers[4]	$18,183,988	$12,841,178

Asbestos Products

Establishments ..	79	73
Salaried personnel[1]	1,276	1,419
Salaries[1, 2]	$2,960,053	$2,935 285
Wage earners[2]....	9,979	13,023
Wages[2, 3]	$11,578,739	$14,157,450
Cost of materials[3]	$23,928,040	$29,493,630
Value of products[3]	$60,774,252	$63,793,752
Value added by makers[4]	$36,846,212	$34,300,122

Beverages, Nonalcoholic

Establishments ..	4,504	3,920
Salaried personnel[1]	7,571	6,704
Salaries[1, 2]	$19,314,670	$15,424,401
Wage earners[2]....	21,317	27,979
Wages[2, 3]	$20,344,719	$30,981,318
Cost of materials[3]	$153,935,249	$112,380,433
Value of products[3]	$365,778,930	$276,779,080
Value added by makers[4]	$211,843,681	$164,398,647

Brushes

Establishments ..	245	243
Salaried personnel[1]	1,258	1,180
Salaries[1, 2]	$3,004,394	$2,686,994
Wage earners[2]....	7,891	7,915
Wages[2, 3]	$7,988,974	$7,249,943
Cost of materials[3]	$25,255,279	$24,110,197
Value of products[3]	$48,466,966	$44,536,639
Value added by makers[4]	$23,211,687	$20,426,442

Cooperage

Establishments ...	350	397
Salaried personnel[1]	678	658
Salaries[1, 2]	$1,644,766	$1,602,128
Wage earners[2]....	7,198	9,588
Wages[2, 3]	$6,560,047	$9,176,947
Cost of materials[3]..	$24,318,044	$32,526,617
Value of products[3].	$38,261,442	$50,224,769
Value added by makers[4]	$13,943,398	$17,698,152

Cottonseed Oil, Cake, and Meal

Establishments ...	447	447
Salaried personnel[1]	2,530	2,786
Salaries[1, 2]	$4,897,471	$5,650,204
Wage earners[2]	15,191	16,583
Wages[2, 3]	$8,939,334	$8,531,570
Cost of materials[3]..	$138,764,149	$195,746,709
Value of products[3].	$171,476,253	$242,042,808
Value added by makers[4]	$32,712,104	$46,296,099

Electroplating

Establishments ...	643	547
Salaried personnel[1]	997	1,074
Salaries[1, 2]	$2,517,782	$2,472,663
Wage earners[2].....	8,206	8,256
Wages[2, 3]	$9,382,801	$9,827,777
Cost of materials[3].	$7,300,444	$6,814,636
Value of products[3].	$28,168,051	$26,686,411
Value added by makers[4]	$20,867,607	$19,871,775

Enameling, Japanning, Lacquering

Establishments ...	80	74
Salaried personnel[1].	210	200
Salaries[1, 2]	$589,177	$769,611
Wage earners[2].....	1,821	2,868
Wages[2, 3]	$2,062,275	$3,287,092
Cost of materials[3].	$2,455,622	$3,656,147
Value of products[3].	$6,935,646	$10,140,321
Value added by makers[4]	$4,480,024	$6,484,174

Essential Oils

Establishments ...	14	18
Salaried personnel[1]	54	64
Salaries[1, 2]	$262,603	$199,016
Wage earners[2].....	255	195
Wages[2, 3]	$357,346	$265,515
Cost of materials[3].	$6,861,194	$3,705,374
Value of products[3].	$9,813,799	$5,138,886
Value added by makers[4]	$2,952,605	$1,433,512

—*Continued on page* 34

Oregon gold, silver, copper, and lead recovered from ores, old tailings, and gravels in Oregon was larger in 1940 than in any year since mining started in 1852.

Zinc Oxide—Zirconium

Zirconium nitrate, kgs., works..lb.	3.00 - 4.00
Oxide, crude, 70-75%, gr., bbls., works..ton.	75.00 -100.00
white, 95%, grd., kgs., works, lb.	1.80 - 2.00

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the January 6 issue; the next printing will be in the February 3 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 39.

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General Offices, Valdosta, Georgia

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Vol. 139 January 13, 1941 Number 2

Labor Law Interpreted

Much interest is being manifested in business circles in the decision last week by the Supreme Court of the United States that, although the Wagner labor act does not in specific language so require, an employer must sign a written contract representative of conditions agreed upon in collective bargaining with a representative of employees. The court's ruling is very simple: it holds that a bargain has not been completed until its conditions have been duly recorded and recognized by the bargainers in such a manner as to assure effectuation of their purpose in continuous application.

Although a word may be as good as a bond, it is common business practice to reduce contracts to writing: memory being what it is and expediency being an infinite variable, oral commitments are not of much assurance and unsigned memoranda fall short of adequate protection. So, even though Congress took it for granted that a bargain is customarily signed, sealed, and delivered, and even though statutory law is more a matter of words than of purpose, the high court's interpretation of "bargaining" is sound and salutary.

This decision has sort of overshadowed in business interest and in public attention another handed down by the supreme court at the same sitting. This other had to do with the fundamental hazard of the labor law, and common to practically all other acts providing administrative regulation of business; that is, that the courts have no authority to question or to set aside the findings of fact of an administrative agency.

Although some laws provide that a board's statement of facts to be conclusive must be supported by the evidence, the rules of Federal juridical procedure make it difficult to get an appellate interpretation of the evidence directed to a restatement of the facts, and new evidence cannot be admitted on appeal.

It is necessary that an administrative regulatory body be empowered to arrive at determinative conclusions. But, Congress should provide for an impartial review of the processes employed.

Safeguarding Private Enterprise

Publication starts in this issue of a series of articles informative with reference to the opportunities and the necessities facing trade associations in the important task of fitting industry to carry on the principles of free private enterprise through the emergencies of defense preparations with their extraordinary and increasing threat of government control. There can be no question of the potential value of the trade association to its industry and to the government in these times. There should be no question of the ability of the trade association to realize its possibilities without recourse to any easing of antitrust laws and related statutes.

Some two months ago the author of the new series of trade association articles was represented in the REPORTER by a commentary on the value of consent decrees under the antitrust laws as rules of practice for trade associations. This aspect of such decrees has again been emphasized in that which terminates the action against the electrical fixtures industry. It is by such rules that trade associations must be guided if they are to maintain for their respective industries full freedom from government control and governmental competition.

Certain trade associations have been narrow-minded in their concepts of the antitrust laws largely because they thought themselves shrewder than the Department of Justice in the interpreting of these statutes. These associations flourished because the department slumbered, not because they better knew the law. This has been detrimental to satisfactory relations between government and business. Trade associations can do much now to close the breach.

—O-P-D—

Cooperation in Defense

The Office of Production Management newly created by President Roosevelt under his program of national and "international" defense marks a step in the direction of closer correlation of governmental and industrial defense functionings. It is an agency composed of representatives of industry and representatives of the defense arms of the government. Its ability in a most necessary role will depend on how these four representatives get along together and more particularly on how the two representatives of industry provide the services of management and labor which they respectively represent.

There has been such a confusion of declarations with respect to industry's functioning in the defense program that the creation of the government-industry OPM is, for one thing, not premature. Whether it is wise will depend on the extent to which it can maintain a policy of give, rather than one of get, in the activities of management and labor. The prime objective of the defense program is not solely to provide efficient and adequate production for defense. That aim must be qualified to assure full regard for the necessary requirements of normal life and to keep the cost of living free from all avoidable increases.

OPM is but a step in the experimentation. It is in the direction of cooperation. If it is not satisfactory, the road to coercion remains open. It is obvious that satisfactory functioning demands that management and labor, in their governmentally honored representatives, in their customarily active leaders, and in their rank and file, correlate their purposes and be guided by a spirit of cooperation rather than one of coercion. To do otherwise might be temporarily advantageous, but the eventual consequences would be heavy with common disaster.

—O-P-D—

Defense Demands Facts

One thing which some agency in the national defense setup must work out is a method of providing prompt factual evidence on what is going on. The National Association of Manufacturers is emphasizing the need for a census of production facilities from the viewpoint of defense. That, apparently, is only part of the need, and the whole job presents a demand for cooperative endeavor.

The need for factual evidence stems from many conflicting declarations and ambitions. Small business insists that it have a voice and a hand in defense doings. Commenters come along and declare that small business is not geared to the requisite precision of defense production—and almost any mechanical gadget on the market bears out this charge.

There is a yelp that shortage of aluminum is stopping airplane production; the next declaration is that only transportation is at fault; and then comes a big story about how another bunch of millions of dollars will make the supply of aluminum adequate. All three statements cannot be accurate.

A plan is proposed for assembly-lining the automotive industry to produce hundreds of planes a day; this is pooh-poohed as impracticable by big-named persons. Then comes the story that the January field stock of automobiles will be bigger than usual. Somewhere in the three are the facts of what could and should be done. Defense needs demand the facts.

—O-P-D—

The Man Wants Something

Making a better mousetrap—or anything else—is a process of three stages—(1) Desire; (2) ability; (3) achievement. Mousetraps—and almost everything else—are so highly developed in efficiency today that progress from the first stage, even with the valuable assistance of research and applied science, is as a whole not rapid in spite of notable advances along certain lines and the extent to which mere change is looked upon as improvement.

There is room for improvement in almost every result of human activity even within industrial limits. This has been attested by the many needs and wants which have been listed in the REPORTER in recent months from the compilations of Research Advisory Service.—It is very interesting to observe the replies to those wants which have come to this office.

The REPORTER has another call from a man who would have the help of science. This latest want (see OPD Forum on page 4) is for a better silver polish. Judging from the specifications which the searcher sets out, there is much room for improvement of silver polish. Whether any substantial part of what he regards as desirable can be achieved the man is in doubt. His problem is, therefore, one that should appeal to those who possess the blended qualifications in chemistry, metallurgy, and physics which apparently are essential to the construction of a better silver polish. Communications to this office will be forwarded.

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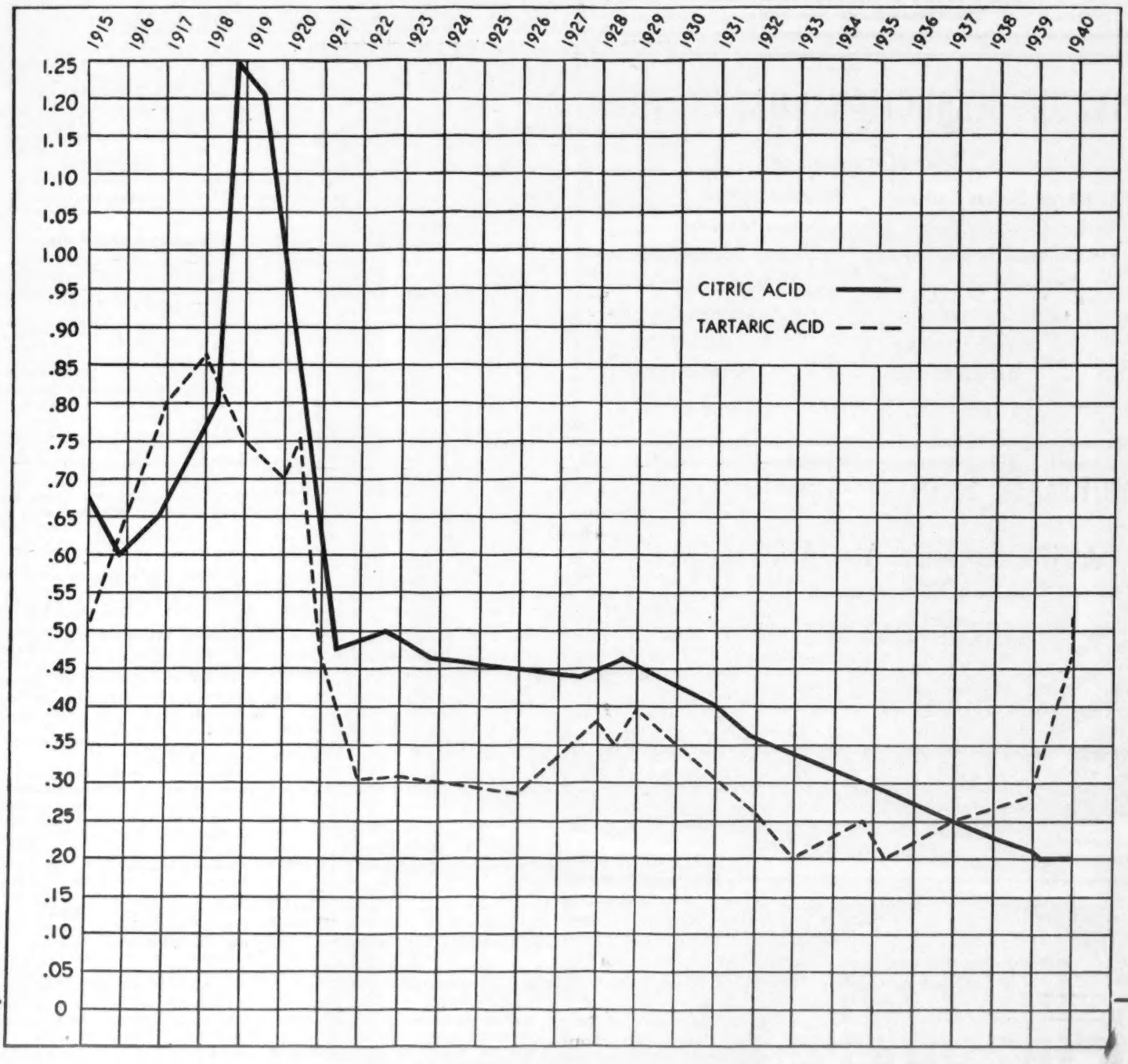

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Heavy Chemicals

New Business Lighter — Contract Returns About Completed —Production Schedules Arranged to Conform with Bookings —United Kingdom Purchasing Expected to Remain Active

New business bogged down to a certain extent in the market for heavy chemicals last week. Volume the preceding period was benefitted by some carry over orders from the end of last year, and when this dried up business slackened. This condition was not expected to prevail very long. Some producers were engaged in making up 1941 production schedules to conform with heavier bookings negotiated against contracts. Contract writing has about terminated for many basic items, and returns have been completed with few exceptions. Prices appeared stabilized in the majority of products, and changes were absent. The tone was firm.

Export shipments and inquiries have narrowed recently. South American business was less of a factor, while interest from the Far East was only fair. British purchasing, while not too active lately, was expected to be resumed in a number of important chemicals. Relations with the United Kingdom and American manufacturers have been most cordial so far during the war period. Most buying has been consummated by the British Purchasing Commission, however, in many instances it was more convenient for principals in England to deal direct. So far adequate shipping facilities have been arranged for items that were transportable. In the matter of ammonia, Great Britain is hopeful that contemplated government expansion of plants will provide sufficient supplies of munitions to satisfy their needs. Negotiations have been completed also with manufacturers here for a share of strategic materials when new plants are completed.

Price Changes

Advanced
None.

Reduced
None.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
158.8	158.8	157.4	152.7

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	101.6	101.6	99.0

Market news that may have developed after this report was sent to press will be found on page 4.

Alums. — Market presented firm price tone. Shipments routine against contracts.

Alumina Hydrate.—No change in prices, with business fair.

Alumina Sulphate.—Steady to firm price tone. Domestic and export inquiries good.

Aluminum. — Shipments steady. Prices unchanged and firm.

Ammonia, Anhydrous.—Market under influence of seasonal factors. Prices rule firm.

Ammonia, Aqua. — Inquiries and shipments active. Prices remain firm.

Ammonia Bicarbonate. — Withdrawals routine. Quotations without change.

Ammonia Biflouride.—Prices firm, and business lacked broadening.

Ammonia Nitrate.—Steady interest. Quotations remain the same.

Ammonia Perchlorate.—Stocks depleted with future imports restricted.

Ammonia Persulphate.—Small quantities made up the call. Prices held firm.

Ammonia Phosphate.—Usual consumers made necessary replacements. Prices failed to change.

Ammonia Silicofluoride. — Demand irregular. Market position firm.

Ammoniac, Sal.—Shipments moderately active. Prices unchanged and firm. November imports 105,206 pounds, valued $1,845.

Antimony.—Domestic spot metal unchanged. Business spotty.

Antimony Oxide.—Prices failed to change. Transactions routine.

Antimony Needle.—Chinese prices nominal; no change in Bolivian. Light inquiry.

Arsenic.—Moderate shipments of White; little business in Red. Prices firm. November imports of white 931,295 pounds, valued $24,514.

Barium Carbonate.—Moderate demand. Steady to firm price tone.

Barium Chlorate.—Prices nominal, offerings limited.

Barium Chloride.—Dealings routine. Quotations lacked any change.

Barium Hydrate.—Takings irregular. Prices without change.

Barium Nitrate.—Steady inquiry. Firm price tone.

Barium Oxide. — Trading spotty. Prices remain the same.

Bleaching Powder. — Transactions routine against contracts. Prices rule firm.

Calcium Chloride.—Seasonal activity for ice control, other demand well maintained. Prices unchanged and firm.

Carbon Tetrachloride. — Steady movement against contracts. Prices maintained firm tone.

Chlorine.—Shipments well sustained. Market position continued strong.

Cobalt Oxide. — Selling restricted, and demand moderate. Prices firm. November imports 80,850 pounds, valued at $122,906.

Copper. — Primary producers continue to allocate sales with price still 12c. per pound. Custom smelters business moderate at 12⅛c. Outside market ranged from 12⅜c. to 12½c. per pound. Export 10¼c. to 12c. f.a.s.

Copper Salts.—No new price movements. Tone continued firm, and activity moderate.

Copper Sulphate. — Market position firm. Shipments moved well to commercial channels.

Copperas.—Conditions underwent no change from recent weeks, with selling restricted to regular channels.

Fluorspar. — Prices remain more stabilized, and shipments fairly steady.

Glauber's Salt.—Market firm. Some irregular in the demand.

Lead Acetate. — Dealings routine. Pricewise no change occurred.

Magnesite. — Domestic material in good demand, with supplies limited. Prices nominal.

Maganese Dioxide. — Withdrawals routine against contracts. Pricewise a firm tone prevailed.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Association Meetings:—

Pulp and Paper Ass'n, Feb. 17-21, New York.
Purchasing Agents Ass'n, May 26-29, Chicago.

Nickel Salts.—Prices unchanged and firm. Shipments moved steadily.

Phosphorus.—Less inquiry for red in export market, some Japanese material appeared. Domestic offerings limited. Fair demand for yellow.

Potash Carbonate.—Shipments moderately active against contracts. Prices firm.

Potash, Caustic.—Quotations firm, and business maintained at satisfactory levels.

Potash Chlorate.—Domestic offerings restricted to regular sources. Offerings of Japanese material less of a factor recently, with future shipments uncertain. November imports, 34,203 pounds, valued $2,266.

Potash Metabisulphite.—Prices nominal, inquiries light.

Potash Permanganate. — Steady demand and prices well maintained. Some export business passed at higher levels.

Saltcake.—Shipments maintained at moderate levels. Supplies adequate and prices steady to firm. November imports, 682 tons, valued $11,696.

Saltpeter.—Business spotty. Prices remain firm. November imports, 22,046 pounds, valued $888, all from Belgium.

Soda Acetate. — Demand routine. Quotations without alteration.

Soda Ash.—New business lacked broadening. Normal export inquiry. Prices hold the same.

Soda Bicarbonate.—Consumers made fair size replacements to keep market position satisfactory.

Soda Bisulphite.—Withdrawals moderately active. Prices rule unchanged.

Soda, Caustic.—Buying interest was along moderate lines in most instances. Satisfactory export inquiry. Prices remain unchanged.

Soda Chlorate. — Sellers confined shipments to regular channels. Scattered sales in export market at higher levels.

Soda Cyanide.—Demand good. Prices firm. November imports, 3,775,032 pounds, valued $156,019, all from Canada.

Soda Hydrosulphite.—Business moderate and steady. Prices firm. November imports 5,000 pounds, valued at $610, all from Switzerland.

Soda Nitrite.—The call moderately active. Quotations without change.

Soda Pyrophosphate.—Steady to firm price tone. Business fairly steady.

Soda Silicate.—Purchases continued at a favorable pace in most directions. Prices without alterations.

Soda Silicofluoride.—Inquiries exceed available supplies. Domestic offerings restricted. Prices nominal. November imports, 44,092 pounds, valued at $1,860.

Soda Stannate.—No new price developments. Business moderately active.

Soda Sulphide.—Shipments well sustained. Prices failed to change.

Sulphur Refined.—Buying irregular. Pricewise a firm tone predominated.

Tin Salts.—Prices held at previous levels, with tone steady to firm. Dealings spotty. Straits metal held around 50.10c. per pound.

Zinc Sulphate.—Routine shipments against contracts. Prices rule firm.

Acids

While business did not entirely return to normal, indications pointed to a continued active interest in many basic materials last week. New business was under the influence of the inventory period. A good movement occurred in chromic, formic, muriatic, nitric, oxalic and sulphuric. Many of these were entering the metallurgical and other industries connected with national defense activities. Prices were well maintained, and tone was firm.

Acetic. — Withdrawals moderate. Prices displayed steady tone.

Battery.—Business routine. Nothing new in the prices.

Chromic.—Steady interest. Prices rule firm.

Formic.—Market position firm, with inquiries well maintained.

Gallic.—Takings conservative. Prices without change.

Hydrofluoric.—Fair demand. Steady to firm price tone.

Lactic.—Demand spotty. Prices failed to change.

Muriatic.—Business steady. Prices unchanged and firm.

Nitric.—Market position remained strong, and transactions steady.

—Continued on page 32A

U.S. Smokeless Powder Plant to Cost $74,000,000

OPD Washington Bureau
January 7, 1941

The War Department announced today the award of a contract for approximately $23,000,000 to the E. I. duPont de Nemours & Co. for increased facilities for the manufacture of smokeless powder at the Indiana Ordnance Works, Charlestown, Ind. This added contract brings the total cost of this plant to approximately $74,000,000.

Phosphorus Output Facilities Extended by Monsanto

By adding new electric furnace facilities for the production of elemental phosphorus at its plant at Monsanto, Tennessee, Monsanto Chemical Company, St. Louis, now has the largest elemental phosphorus plant in the world, R. R. Cole, general manager of Monsanto's phosphate division announced today.

Bauxite Mining Corp. Formed

The Reynolds Metal Company, this city, has formed the Bauxite Mining Corporation to engage in prospecting for and mining of bauxite basis for aluminum. The company also announced that its new aluminum reduction plant at Lister, Ala., will start production this Spring. The company is currently expanding into volume production of strong aluminum alloys in sheets, rods, tubes and extruded shapes for aviation and other defense industries.

Delta Chemical Now Making Paradichlorobenzene in Balto.

Delta Chemical Manufacturing Company, Baltimore, has started production of paradichlorobenzene. In connection with this product the company is also manufacturing monochlorbenzene, orthodichlorbenzene, trichlorbenzene and hydrochloric acid. The Delta company, which also operates plants in Hopewell, Va., and Cincinnati, Ohio, is also a producer of calcium hypochlorite and soda hypochlorite. D. H. Koumjiam is general manager of the organization.

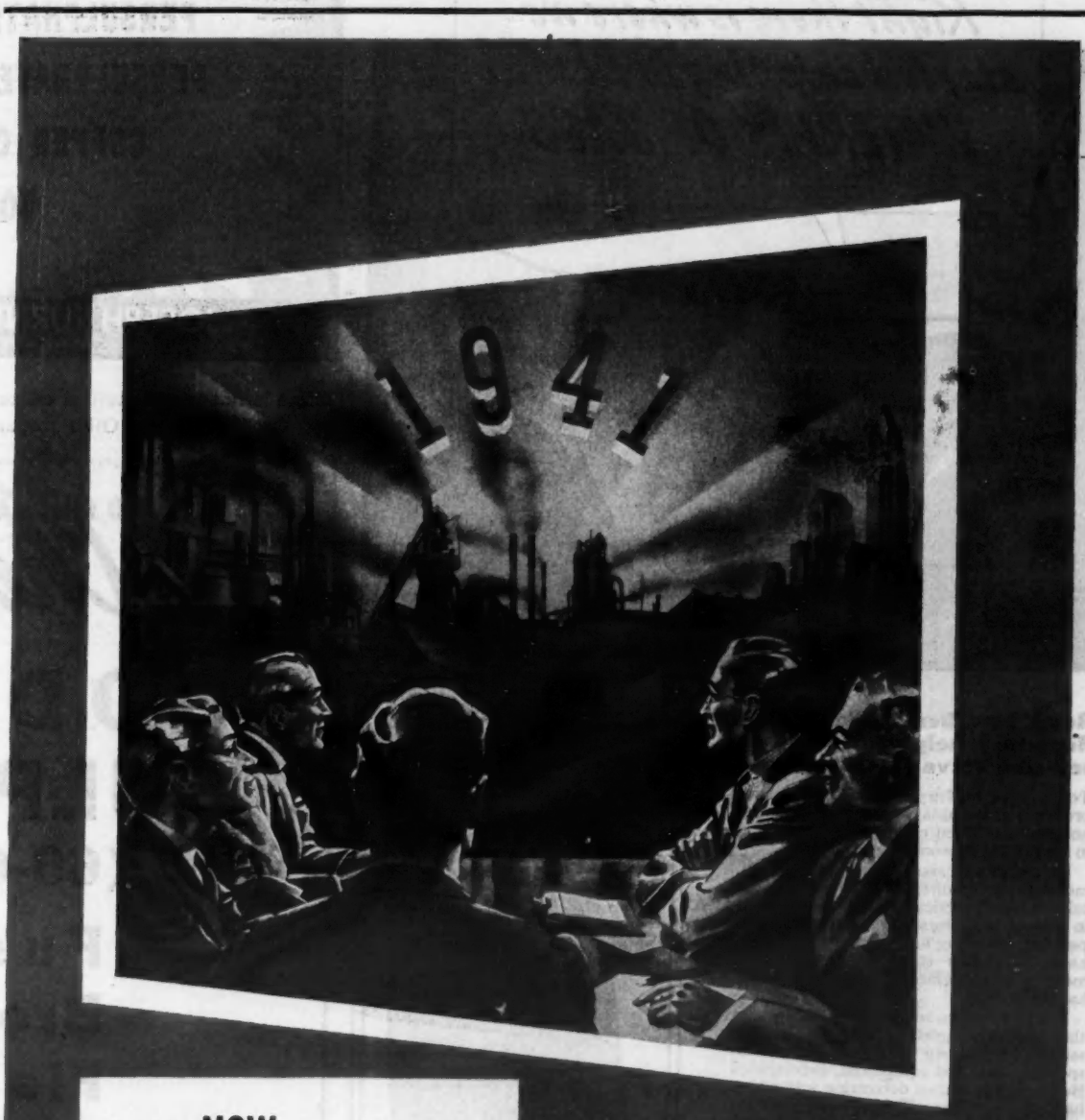
Arizona ores and gravels in 1940 yielded gold, silver, copper, lead and zinc valued at $81,509,300, an increase of 12 percent over 1939.

Pittsburgh Plate Glass Company has developed a new safety glass having a strength of ten or more times that of ordinary automobile safety glass.

Ammonia Sulphate Output In Manchuria Retarded

Efforts in Manchuria to overcome the unsatisfactory production of ammonium sulphate do not appear to be achieving much success. Manchuria's manufacture of this commodity, which had previously averaged about 35,000 metric tons per annum, was greatly augmented by the opening in 1935 of a new plant at Dairen, with an annual productive capacity of 180,000 metric tons, and by 1939 the potential output was reported to have been further improved as a result of an expansion of the Dairen plant which raised that factory's annual productive capacity to 250,000 metric tons, according to advices received at the Bureau of Foreign and Domestic Commence, Washington.

It had been planned also to increase the production of the existing facilities in Manchukuo to about 100,000 metric tons per annum so as to bring Manchuria's total yearly output to approximately 350,000 metric tons by 1940, and to complete construction of a new factory at Hulutao by 1941 which would raise this capacity by 200,000 metric tons to a total of 550,000 metric tons.



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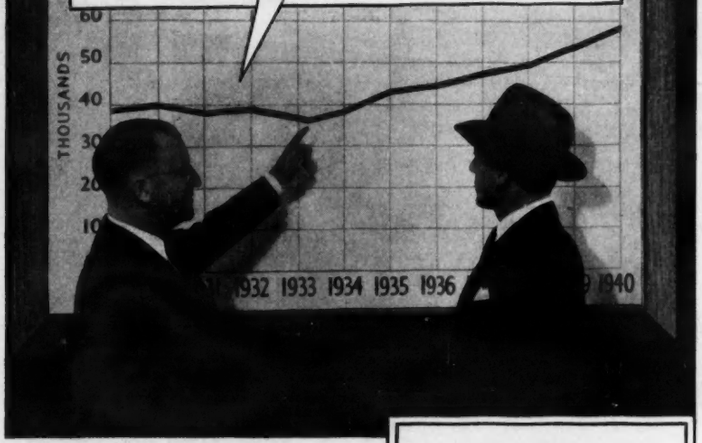

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Heavy Chemicals

Acids

—*Continued from page* 31

Oxalic.—Sellings continued restricted. Prices firm.

Sulphuric.—Shipments moved against contracts at a fairly steady pace. Prices displayed no change and tone was firm.

Baltimore, January 8.—Producers have been booking orders for delivery during the new year at the old figures, with the nominal quotations still at $12 per ton for 60 degree and at $15 per ton for 66 degree. The contracts renewed are with some of the largest consumers in the business, which would seem to dispose effectually of the talk that the market will advance because of the increasing demand for supplies and the rising cost of materials, among them the advance in freight rates. The trade is still puzzled over the stationary character of the market, with all the indications favoring the theory that acid ought to go up, as it did during the first world war. The market for oleum is also unchanged, with the demand lagging and $17 per ton quoted as the nominal price.

Insecticides

Shipments and inquiries were light in the market for agricultural insecticides and fungicides last week. Not much activity was anticipated for the next several weeks. However, preparations will soon get underway for the coming season. Export business was about normal. The market offered nothing new in the way of price developments, and the tone was steady to firm.

Agricultural insecticides are required in Argentina for some of the minor crops, particularly cotton and fruits. In the case of cotton the prevalent insecticide pest is the leaf worm combatted generally by calcium arsenate and Paris Green. Orchardists use lead arsenate for the coddling moth. While bordeau mixture is employed against scab. Winter oil sprays are used against red spider and San Jose scale in apple orchards. Scale is also combatted by lime sulphur, powdery mildew by sulphur and aphids by nicotine sulphate. Many preparations are made from imported sulphur, arsenic, lead arsenate, copper sulphate, calcium arsenate, sulphur lime powder, nicotine sulphate and oil emulsion sprays, according to the American commercial attache at Buenos Aires.

Calcium Arsenate.—Inquiries light. Prices displayed firmness.

Lead Arsenate.—Business narrow. Quotations unchanged and firm.

Nicotine Sulphate.—Market quiet. Prices lacked any alteration.

Zinc Arsenite.—Conditions were seasonally dull, and business without any feature. Prices unchanged.

Chemical Imports at N.Y. Analyzed by Tariff Board

—*Continued from page* 5

statistics of this paragraph were divided in 1939 into forty-two separate classifications, the majority of which are specifically named or closely related commodities. This analysis deals only with the general provision or "basket clause" classifications, which are:—

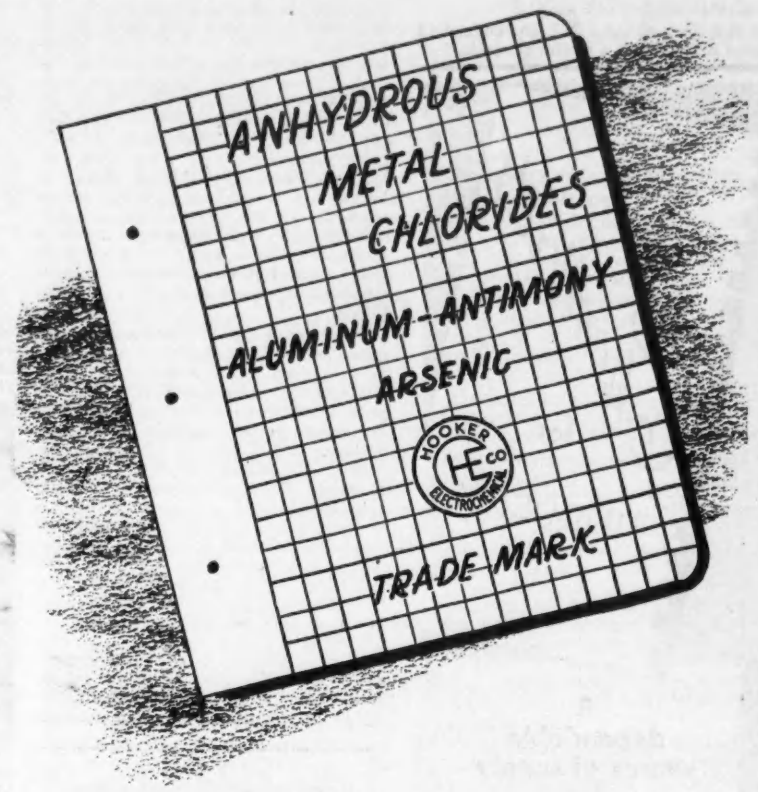
Ajinomoto and other monosodium-glutamate preparations; fatty alcohols and fatty acids sulphated, not elsewhere specified, and salts of fatty acids sulphated, not elsewhere specified; all alkaloids, salts and derivatives, not elsewhere specified; derivatives of barbituric acid, not elsewhere specified (malonyl urea); ichthyol and other sulphonated bitumens; medicinal preparations of vegetable origin (chrysarobin, papain, digitalin, and other active principles [except alkaloids]); medicinal preparations of animal origin (oxgall, bile compounds, gland extracts, etc.); medicinal and pharmaceutical preparations, not specially provided for, not containing alcohol; salts and compounds of gluconic acid and combinations and mixtures of any of the foregoing; digitalis glucosides; ergotamine tartrate, not specially provided for; ammonium compounds, not elsewhere specified; barium compounds, not elsewhere specified; magnesium salts and compounds, not specially provided for; all potash salts, not specially provided for; sodium compounds, not specially provided for; copper oxide, not elsewhere specified, and chemical elements, compounds, mixtures, and salts, not specially provided for, not containing alcohol.

Products Valued Over $1,000

	Pounds.	Value.	Countries of origin.
Acetopep	4,409	$1,523	G
1-Acetoxy-3-bromo-pentanon-4	405	26,592	S
Ajinomoto	153,541	73,135	J
Ammonium bifluoride	12,125	1,985	G
Ammonium persulfate	28,533	2,814	N; I; S
Atropine sulfate	142	4,367	G; S; U.K.
Barium chlorate	22,224	2,145	S; F
Barium sulfate	3,360	1,008	G
Basergin	....	1,080	S
Bismuth proteinate	82	1,182	G
Boiler water purifying bricks	35,045	2,844	D; U.K.
Butyl bromoallyl barbituric acid	88	2,518	G
Calcium bromido lactobionate	5,512	5,106	S
Calcium gluconate	35,178	6,397	S
Calcium monoiodobehenate	400	2,399	S
Coreine	....	1,060	F
Creosote H & H	15,227	8,211	G
Dehydrocholic acid	2,594	27,957	S
Desitin ointment	1,764	1,120	G
Desoxycorticosterone	....	3,250	S
Desoxycorticosterone acetate	....	27,716	S
Diacetone gulosonic acid	9,480	34,164	S
Diacetone sorbose	214	1,004	C
Digilanid	....	6,874	S
Digitalin	15	1,320	G
Dihydrotachysterol	....	2,130	G
Dihydroxyetiocholenylethin	....	6,658	N
1-3 Dimethyl-2-6 oxypurine	400	1,631	G
Dioxo-acetoxy-pregnene	....	1,859	N
Elrasal melting flux	187,399	8,614	G; B
Emetine hydrochloride	32	4,375	S; U.K.
Ergometrine acid maleate	....	4,873	U.K.
Ergotoxine ethanesulfonate	....	2,859	U.K.
Eserine sulfate	9	2,151	S
Eucalyptol	18,000	7,287	J
Faral	18,955	5,571	N
Glycyrex-liquorice extract	528	1,749	B
Glycyrrhizine, ammoniated	1,874	2,347	G
Gonadotrope hormone	....	1,216	F
Gynergen	....	56,856	S
Heavy water	....	1,736	N
Isarol	5,000	3,515	S
I-so-gel	....	1,906	C
Kasenit No. 1	20,000	5,944	U.K.
Kasenit No. 2	10,000	2,661	U.K.
Keto hydroxyfoliculina	....	2,307	A
Ketohydroxy oestrin	....	2,639	B
Kilfrost paste	3,690	1,177	U.K.
Lanette wax	4,849	1,450	G
Lobelin hydrochloride	1.2	8,640	S
Magnesia san pellegrino	....	1,465	F
Magnesium hydrate	23,000	2,935	U.K.
Magnesium trisilicate	70,900	19,174	U.K.
Metrofix	35,063	7,776	N
Mapromol	21,971	4,659	N
Mapronin	28,016	6,037	N
Mare serum protein	75	5,327	A
Medicinal inhalant	....	7,282	U.K.
2-Methyl-4-amino-5-thioformylamino-methyl pyrimidin	356	93,135	S
Methylene chloride	96,825	10,260	G
Mixtures of fatty acids, alcohols, and salts	27,649	7,070	N
Oenanthol	9,356	2,388	F
Oestrodiol	....	25,000	S
Oestradiol benzoate	....	16,800	S
Oestradiol dipropionate	....	18,000	S
Oestrone	....	20,435	F; U.K.; J; B
Oxy-oxoetiocholenylethin	....	1,344	N
Pancreas powder and hemicellulose	595	3,030	G
Pepton	919	4,352	G
Pharmaceutical powders	2,646	1,628	F
Phytol	21	5,370	S
Pickling salt	400,937	13,823	G
Pilocarpine hydrochloride	51	1,228	S; F
Pipirazinehydrate	....	1,659	S
Potassium metabisulfite	247,090	25,171	G; U.K.; F
Potassium oestradol solution	159	20,583	N
Potassium persulfate	49,592	4,080	S; N I
Potassium thiocyanate	6,173	2,669	U.K.; G
Progesterone	....	18,615	S; F
Ratin	....	4,731	D
Ratinin	....	1,989	D
Reducine	....	2,178	I.F.S.
Reformer catalyst	3,102	1,598	N.W.I.
Sandofix K. C	4,475	4,215	S
Seasoning salt (mono sodium glutamate preparation	13,500	10,260	J
Sericosal N	5,000	2,775	G
Sodium cacodylate	1,053	2,280	F
Sodium cholate oxydate	2,050	12,244	G
Stecker salt	1,074	1,218	G
Sufix	16,276	3,877	N
Sulfichton	4,409	1,215	U.S.S.R.
Sumol	23,726	5,064	N
Sunin	12,808	2,760	N
Testosterone	....	22,150	F; S; Sw
Testosterone propionate	....	25,789	S; Sw; B
Thallium sulfate	1,795	7,229	G; F
Thiourea C. P	22,046	8,043	G
Thiourea, crude	17,785	2,909	G
Valerian compose solution	5,152	2,704	F
Ve-Tsin (mono sodium glutamate preparation)	13,251	14,277	Ch;H.K.
Yohimbine hydrochloride	227	4,270	S
Zinc ammonium chloride	423,487	15,250	B; G

* Country of original shipment symbolized as follows:—B., Belgium; C., Canada; Ch., China; D., Denmark; F., France; G., Germany; I.F.S., Irish Free State; H.K., Hong Kong; J., Japan; N., Netherlands; N.W.I., Netherlands West Indies; Nor., Norway; S., Switzerland; Sw., Sweden; U.K., United Kingdom; U.S.S.R., Union of Soviet Socialist Republics.

FROM A CHEMIST'S NOTEBOOK



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Bleaching Powder
Muriatic Acid
Hydrogen
Ferric Chloride Solution
Sulfur Dichloride
Sulfur Monochloride
✓Aluminum Chloride, Anhydrous
✓Antimony Trichloride, Anhydrous
✓Arsenic Trichloride, Anhydrous
Monochlorbenzene
Orthodichlorbenzene
Paradichlorbenzene
Trichlorbenzene 1:2:4
Tetrachlorbenzene 1:2:4:5
Tetrachlorbenzene 1:2:3:4
Pentachlorbenzene
Hexachlorbenzene
Monochlortoluene
Ammonium Benzoate
Benzoate of Soda
Methyl Benzoate
Benzoic Acid
Benzoic Anhydride
Benzal Chloride
Benzotrichloride
Benzoyl Chloride
Benzyl Alcohol
Benzyl Chloride
Meta Nitrobenzoic Acid
Meta Nitrobenzoyl Chloride
Para Nitrobenzoyl Chloride
Chlorinated Paraffin
Methyl Dichlor Stearate
Dichlor Stearic Acid
Methyl Stearate
Dibenzyl Disulfide
Alpha Chlor Naphthalene
Dichlor Naphthalene
Polychlor Naphthalenes
Cyclohexanol
Methyl Cyclohexanol
Piperidine
Acetyl Chloride
Butyryl Chloride
Iso Propyl Chloride
Phosgene
Propionyl Chloride
Sulfuryl Chloride
Thionyl Chloride
Chlor Anisidine
2:5 Dichlor Aniline
Sodium Sulfhydrate
Sodium Sulfide
Hydrogenated Fish Oils

HOOKER ELECTROCHEMICAL COMPANY
NIAGARA FALLS, NEW YORK
NEW YORK CITY TACOMA, WASHINGTON

1021

F.T.C. Cites Freight . . Equalization Pricing

—*Continued from page 3*

at the time of their N.I.R.A. code, and have maintained a uniform method of computing net delivered prices for wire rope sold by them throughout the country.

The complaint further charges that pursuant to their agreement the respondent manufacturers have maintained a system of delivered prices which prevent the differences in the cost of freight delivery between their respective places of business and those of intended purchasers from creating any advantage or disadvantage to such purchasers in delivery costs. This system of identical delivered prices is based on so-called basing points whereby all delivered prices are calculated as though shipments within a given area were made from a single point or points to a common freight destination, according to the complaint.

Pursuant to their combination and agreement, the respondents, according to the complaint, divided the United States into basing point areas so that purchasers in each area get the same delivered prices regardless of their distance from the manufacturer; required distributors of their products to resell them according to the respondents' price formula; adopted a uniform basic and chain discount system; defined what constitutes a recognized distributor and filed with the association the names of their distributors, and included in a uniform contract entered into by all the respondent members with their respective distributors, a provision forbidding such distributors from selling any wire rope other than that made by the particular respondent member with whom the distributor had a distributing contract.

In order to carry out the agreements and the acts and practices performed thereunder, the respondents, according to the complaint, held meetings, supervised and investigated the fulfillment and enforcement of the agreements, and coercively required recalcitrant manufacturers, distributors and dealers to conform to the agreements.

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OPD Forum

—*Continued from page 4*

ish should possess certain fundamental characteristics, and I do not believe that any one has yet perfected this to the point which I believe is possible.

1. It should be in the form of liquid emulsion so that the material will stay in suspension without having to be shaken up. All present silver polishes having this characteristic do not fulfill conditions of 3 below.

2. A silver polish should clean easily without scratching. Any severe polish, such as for example a "brass" polish, will do a good job on silver from a quick-cleaning standpoint, but will leave the surface in a very rough condition and will tear the plate off a plated article within a very short time.

3. It should leave a clean (not cloudy) surface.

4. It should not be harmful to butler finishes. Butler finishes are, of course, caused by minute scratches on the surface. A polish which removes these scratches soon removes the butler effect.

5. It should not have anything in it which would render the surface easily susceptible to retarnish, nor should the polish itself contain any sulphides or other tarnishing agents. I think you understand what I mean —there are certain agents which apparently while not containing any tarnishing agents leave the surface in such condition that it quickly becomes subject to tarnishing agents which are present in the atmosphere.

6. There should be something in the polish which will actually dissolve sulphides, rather than rub them off.

7. The polish should be easy on the hands, that is, contain nothing which is drying to the skin or the nails.

8. If possible the polish should contain something in the line of a hand lotion which would actually leave the skin in better condition than it was before. Here again we have a problem, as most "hand lotions" would be detrimental to the purpose mentioned in 3.

9. If possible a polish should contain something which will leave a protective film on the silver similar to the paraffin film used in "Pro-Tex-Sil." I understand, of course, that it is rather difficult to provide a polish which will leave a film, and at the same time that will contain proper materials for removing the film that is already there. If this is an impossible condition, we will have to let it go.

"HOPEFUL"

Detroit
January 2, 1941

Books You Can Use

Medical Manual

The Merck Manual. Seventh Edition. Cloth; 1,436 pages, 7 by 4¼ inches. Rahway, N. J.; Merck & Co. $2.

This volume, the full title of which is "The Merck Manual of Therapeutics and Materia Medica," is intended primarily as a source of ready reference data for the physician. However, its wealth of information on medicinal materials should also prove most valuable for those in the pharmaceutical and allied fields, for it indicates the prescription constituents employed in the treatment of most maladies with which man may be afflicted.

Each of the 256 chapter of the new work was approved by a specialist in his respective field, many of whom are professors in leading American medical colleges. The sections of the volume comprehensively discuss therapeutic indications, poisoning and its treatment, materia medica, and a large variety of miscellaneous information.

Dow Chemical Company, Midland, Mich., has extended the company's hospitalization and surgical operation benefits to cover workers at the Ethyl-Dow Chemical Company plant, Wilmington, N. C.

Price Reporting Ban Put on Trade Ass'n

—*Continued from page 3*

exception, signed contracts with Frank H. Baxter, executive director of the Institute, providing for a system of price reporting which related to both past transactions and current offers.

According to the complaint, this price reporting scheme was used for the purpose of policing and enforcing the maintenance of prices jointly agreed upon by the manufacturers. The complaint also alleges that defendants attempted to exclude outsiders from the industry by instituting price wars against them. While joining in a decree prohibiting activities charged in the complaint, defendants have filed answers denying such charges.

The decree forbids the fixing of prices, the holding of any meetings for such purposes, and limits the type of price reporting that may be carried on in the future. Because the decree indicates the antitrust division's position regarding certain price reporting activities, the decree is of importance to industries other than that to which it directly relates.

Defendants are restrained "from reporting, collecting, auditing, compiling, disseminating or exchanging with any other manufacturer information concerning offers for sale, or concerning prices to be charged otherwise than in actually consummated sales and in bona fide contracts to sell, duly executed and unconditionally binding the seller to sell and the buyer to accept delivery at a certain price."

Other sections of the decree prohibit defendants:—

From, directly or indirectly, by any means whatsoever, entering into or carrying out any program, or aiding or abetting any program of other manufacturers of such commodity or commodities, to raise, depress, establish, maintain or adhere to the prices to be charged for any such commodity or commodities.

From adopting, contributing to or participating in any program resulting in the dissemination or publication of any recommedation as to current or future sales policy, price policy, or production policy applicable to the production or sale of said commodity or commodities.

From allocating, or by agreement, refraining from soliciting customers of manufacturers of such commodity or commodities, allocating production quotas, allocating markets or marketing territories among the several manufacturers of such commodity or commodities, or promoting any uniform method of marketing, or adopting any program for the determination or maintenance of resale prices.

From adopting, contributing to or participating in any program for the purpose of underbidding or underselling any manufacturer or seller.

DCAT Mar. 13 Banquet Sectional Leaders Named

John J. Toohy, chairman of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, has announced that the following key-men had been selected in their respective cities to organize delegations from those localities to attend the sixteenth annual Drug, Chemical and Allied Trades banquet March 13 in the Waldorf-Astoria, this city:—

M. G. deNavarre, of Maison G. deNavarre Associates, Detroit; C. C. Nowland, of the George H. Nowland Company, Cincinnati; C. P. McCormick, of McCormick & Co., Baltimore; Florin J. Hailer, of the United Drug Company, Boston; Samuel Bell, of the S. H. Bell Company, Pittsburgh; T. S. Strong, of Ivey & Ellington, Inc., Philadelphia; C. L. Drum, of the Chicago Drug and Chemical Association, Chicago; and H. A. Nelson, of the Chemical Supply Company, Cleveland.

The reception committee, of which Rudolph F. Berls, of McKesson & Robbins, Inc., is chairman, held a meeting Thursday evening, at which seventy-five executives of the drug and chemical industries were in attendance. Mr. Berls indicated that reservations were running double those of a year ago.

B.B. Grubb Retires

B. B. Grubb has retired from the Lafayette Pharmacal Company and the Pharmacal Realty Company, both of Lafayette, Ind., with which he had been connected for many years. He joined the pharmacal company in 1906 and later became president. He organized the realty company in 1918 and also served as its president.

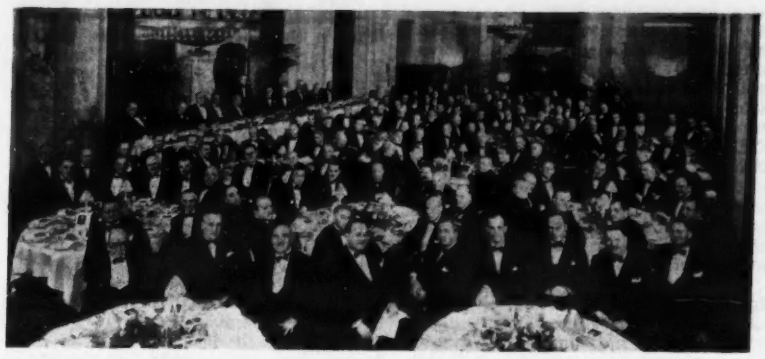
Wassercheid Honored On Seventieth Birthday

—Continued from page 3

pany in any industry has a more beloved representative than August A. Wassercheid."

Mr. Wassercheid has been associated with the New York office of his concern for the last forty-eight years and during that time has been unusually active in the associational activities of the industry. His outstanding ability as a convention organizer of ladies' entertainment programs received due and frequent mention by all who spoke at the dinner.

Mr. Wassercheid attended public schools in this city and was graduated from the College of the City of New York. He joined the sales force of the Mallinckrodt organization in 1893. He became manager of the Eastern di-



vision of the company in 1913 and served in that capacity until 1931, when he was elected to his present office.

Joseph A. Huisking, of Fritzache Brothers, this city, acted as toastmaster, and the other speakers were:—Jesse L. Hopkins, of J. L. Hopkins & Co., this city; James J. Kerrigan, of Merck & Co., Rahway, N. J.; Arthur C. Boylston, of Mallinckrodt Chemical Works, St. Louis; William D. Berry, of Mallinckrodt Chemical Works, this city; Benjamin N. Spencer, of B. M. Spencer & Co., this city; George Simon, of the Heyden Chemical Corporation, this city; Florin J. Bailer, of the United Drug Company, Boston; Francis J. McDonough, of the New York Quinine & Chemical Works, Brooklyn, and Turner Currens.

Mr. Wassercheid was presented with a handsome grandfather's clock and with a bouquet of seventy roses. Mrs. Wassercheid was presented with a memento of the occasion which was sent to her in care of her husband.

A testimonial book bearing the signatures of all those who attended was also presented to the guest of honor by Gustave Bayer of Merck & Co.

Those attending the dinner were:—

John Abbott, Merck & Co.; John M. Alvarez, E. I. duPont de Nemours & Co.; Carl M. Anderson, Merck & Co.; George Anderson, Chas. Pfizer & Co.; George F. Applin, Mallinckrodt Chemical Works; B. R. Armour, Heyden Chemical Corp.; Wm. S. Auchincloss, OIL, PAINT AND DRUG REPORTER; Robert P. J. Barry, Straub & Barry; William D. Barry, Mallinckrodt Chemical Works; Gustave Bayer, Merck & Co.; Curtis F. Berk, F. W. Berk & Co.; Rudolph Berls, McKesson & Robbins, Inc.; Carle M. Bigelow, American Cyanamid Company.

George A. Bode, E. I. duPont de Nemours & Co.; K. A. Bonham, *American Druggist*; Dr. A. C. Boylston, Mallinckrodt Chemical Works; W. Vance Bricker, Mallinckrodt Chemical Works; F. C. Brown, Mallinckrodt Chemical Works; A. C. Burgund, Carr-Lowry Glass Company; Edward S. Burke, Edward S. Burke Company; C. C. Caruso, Schieffelin & Co.; James C. Chilcott, Maltine Company; Ralph A. Clark, J. T. Baker Chemical Company; Aglar Cook, Topics Publishing Company; John A. Corson, Dodge & Olcott Company; Hugh Craig, OIL, PAINT AND DRUG REPORTER; Turner F. Currens (formerly) Norwich Pharmacal Company; R. H. De Greeff, R. W. Greeff & Co.; W. L. Dempsey, Sharp & Dohme; M. N. de Noyelles, Chas. Pfizer & Co.; Jas. J. De Vere, Philippine American Drug Company.

Herman J. Dietel, Merck & Co.; J. R. Dilworth, Anchor Hocking Glass Corporation; Peter A. Dirr, C. L. Huisking & Co.; Leland I. Doan, Dow Chemical Company; Ralph E. Dorland, Dow Chemical Company; Dudley Dunlop, Mallinckrodt Chemical Works; Frank G. Fanning, N. I. Malmstrom & Co.; Harry Farleigh, Merchants Chemical Company; William Farley, American Cyanamid & Chemical Company; Thomas R. Farrell, Drug Markets, Inc.; C. J. A. Fitzsimmons, Orbis Products Corporation; Joseph M. Franks, Franks Chemical Products Company; S. W. Fraser, Burroughs Wellcome & Co.; Gerald S. Furman Merck & Co.; N. H. Fyffe, Oldbury Electro-Chemical Company.

Richard Gesell, R. Gesell, Inc.; Frank W. Green, National Aniline & Chemical Company; F. J. Griffiths, National Ass'n. of Chain Drug Stores; Harry H. Gritzen, Jr., Maryland Glass Corporation; F. J. Hailer, United Drug Company; Joseph C. Hanson, Jr., Glenn Haskell, U. S. Industrial Chemicals, Inc.; Charles Hermann, McKesson & Robbins; Alfred J. Higgins, Zinsser & Co.; Joseph Hollywood, Edward S. Burke; J. L. Hopkins, J. L. Hopkins & Co.; A. M. Hopper, Mallinckrodt Chemical Works; Chas. L. Huisking, Chas. L. Huisking & Co.

Joseph A. Huisking, Fritzsche Bros.; Harold Hutchins, *American Druggist*; Rutherford James, Towns & James, Inc.; Warner James, Towns & James, Inc.; David L. Kaltman, D. Kaltman & Co., Inc.; James M. Keating, Congoleum-Nairn, Inc.; Joseph F. Kelly, Hagerty Bros. & Co.; James J. Kerrigan, Merck & Co.; Edward V. Killeen; George Luecders & Co.; J. Warren Kinsman, E. I. duPont de Nemours & Co.; F. A. Koch, Dow Chemical Company; Edwin Kuttroff; Milton Kutz, E. I. duPont de Nemours & Co.

F. A. Leonhardt, Fritzsche Bros.; E. C. Lewis, Mallinckrodt Chemical Works; C. L. Lightfoot, Anchor Hocking Glass Corporation; Vance R. Littlefield, Becton, Dickinson & Co.; John H. Lynch, Webb & Lynch; William Maas, Maas & Waldstein; H. G. Mackelcan, Innis, Speiden & Co.; Ira P. MacNair, MacNair-Dorland; Percy C. Magnus, Magnus, Mabee & Reynard; Robert B. Magnus, Magnus, Mabee & Reynard; E. J. Maguire, E. I. duPont de Nemours & Co.; G. L. Marsters, Norwich Pharmacal Company; Edwin W. Martin, Mallinckrodt Chemical Works; J. H. Martin, Winthrop Chemical Company; E. M. Maxwell, National Aniline & Chemical Company; Frank L. McCartney, Norwich Pharmacal Company; Frances J. McDonough, the New York Quinine & Chemical Works; Donald McKesson, New York Quinine & Chemical Works; Irving McKesson, New York Quinine & Chemical Works; Bert McShane, Pacquin, Inc.; E. A. Means, Bristol-Myers Company; W. D. Merrill, Jos. Turner & Co.; Walter J. Murphy, Chemical Industries; Edward Neimeth, National Magnesia Company; Louis Neuberg, Westvaco Chlorine Products Corporation; Dr. E. L. Newcomb, National Wholesale Druggists Assn.; J. J. Nichols, Iodine Educational Bureau; G. H. Niemeyer, Handy & Harman.

E. De Witt Osborne, De Witt Osborne; Elmer C. Otto, Chas. Pfizer & Co.; S. B. Penick, S. B. Penick & Co.; S. B. Penick, Jr., S. B. Penick & Co.; John C. Perry, Mallinckrodt Chemical Works; Edward Plaut, Lehn & Fink Products Corporation; Harold D. Pomeroy, G. S. Stoddard & Co.; John J. Powers, Chas. Pfizer & Co., Inc.; H. B. Prior, Prior Chemical Corporation; W. J. Quinlan, Phophylactic Brush Company; George A. Raab, Providence Wholesale Drug Company; A. J. Raskopf; J. C. Penney Company; Fred F. Rauch, S. B. Penick & Co.; J. J. Reilly, Mallinckrodt Chemical Works; John J. Reiner, Lehn & Fink Products Corporation; J. P. Remensnyder, Heyden Chemical Corporation; C. H. Robertson, Mallinckrodt Chemical Works; L. R. Root, Scovill Manufacturing Company.

Hugo H. Schaefer, Brooklyn College of Pharmacy; R. C. Schlotterer, Federal Wholesale Druggists Association; H. J. Schnell, Oil, Paint & Drug Publishing Company; Edward J. Schuellein, Anchor Hocking Glass Corporation; Bart Sheehan, Grasselli Chemical Division; George Simon, Heyden Chemical Corporation; F. V. Sinclair, Drug Markets, Inc.; Foster T. Smith, Merck & Co.; John L. Smith, Chas. Pfizer & Co.; B. M. Spencer, B. M. Spencer & Co.; J. T. Stebe, McKesson & Robbins; William Steinschneider, American Aniline & Chemical Company; W. M. Stieh, F. W. Berk & Co.

Albert A. Teeter, Charles Pfizer & Co.; G. R. Tompkins, Parke Davis & Co.; John T. Toohy, E. R. Squibb & Sons; S. F. Urban, E. R. Squibb & Sons; Karl Voss, Karl Voss Corporation; W. A. R. Welcke, Fritzsche Bros., Inc.; George W. White, Mallinckrodt Chemical Works; V. E. Williams, Monsanto Chemical Co.; John Wilson, Merck & Co.; Dr. F. G. Zinsser, Zinsser & Co.

Many telegrams of congratulation were read by the toastmaster.

Alcoban Advertising Censored by F.T.C.

OPD Washington Bureau
January 7, 1941

Edwin L. Leisenring, trading as U. S. Drug & Sales Company, U. S. Drug Laboratories, and U. S. Drug Company, and Gordon Leisenring, both of Denver, Colo., engaged in the sale and distribution of medicinal preparations including a drug preparation advertised as "Alcoban," represented as a treatment for alcoholism, have been ordered by the Federal Trade Commission to cease and desist from false advertising in connection with the sale of such products.

The commission finds that in advertisements in newspapers, periodicals and other media, the respondents have represented that "The Alcoban treatment is the result of years of work and experimentation by physicians, and represents the scientific method of treating alcoholism, as it was developed through the knowledge of medical science, and a comprehensive understanding of the cause of 'drink,' and its results on the organs of the body." Through these and other statements, the findings continue, the respondents have represented that the preparation is a competent and effective treatment for alcoholism; that it removes the desire for alcoholic stimulants, and that it is safe and harmless.

The preparation is not safe or harmless, according to the findings, as it contains certain drugs in quantities sufficient to cause serious injury to health if the preparation is used under the conditions prescribed in the advertisements or under such conditions as are customary or usual.

Drug Trucking Rate Raise Denied by I.C.C.

OPD Washinaton Bureau
January 7, 1941

Proposed increased minimum charges on single shipments of medicine by motor truck between points in New York, Pennsylvania, Delaware, Maryland, and New Jersey were found unjustified today by the Interstate Commerce Commission, and suspended schedules were cancelled.

Motor carriers proposed the elimination of the present minimum charge of 50 cents on single shipments, which would raise the rate to 75 cents or $1. They claimed other commodities were under the higher minimum charge and cited the high cost of delivery in New York City. One motor carrier favored the lower minimum rate in fear higher costs would divert shipments to parcel post and express.

The commission rejected the higher charges on the grounds that the motor carriers did not present sufficient data to justify the increase.

McGloon Conviction Upheld

The Securities and Exchange Commission reports the affirmance of the conviction of John H. McGloon, former vice-president and comptroller of McKesson & Robbins, Inc., on a charge of making false statements on reports required to be filed under the securities exchange act of 1934. The decision was rendered in the United States Circuit Court of Appeals for the second circuit. McGloon had been sentenced to imprisonment of one year and one day and a fine of $5,000. The other defendants convicted did not appeal.

The government was represented on the appeal by Assistant United States Attorney Howard F. Corcoran. Assistance in the preparation of the brief was given by Irving J. Galpeer, attorney, of the commission's New York regional office, and Richard H. Wels, of the commission's Washington office.

F. J. Tone, president of the Carborundum Company, Niagara Falls, has established a $24,000 endowment fund for the Niagara Falls Memorial Hospital laboratory.

F.T.C. Order Hits Promotional Discounts

OPD Washington Bureau
January 8, 1941

The Federal Trade Commission has ordered the American Crayon Company, Sandusky, Ohio, and Binney & Smith Company, New York, manufacturers of crayons, chalk, paint sets, educational supplies and allied products, to cease and desist from violations of the Robinson-Patman act.

Commission findings are that the respondents sell their products of like grade and quality to all customers at one list price from which they allow a 50 percent trade discount to customers buying solely in case lots, and that they grant to some customers further varying discounts in addition to this trade discount.

The American Crayon Company, according to findings, grants, in addition to the regular trade discount, discounts ranging from 5 to 10 percent to some customers, and varying discounts ranging from 15 percent to 10 plus 10 percent on certain sizes of "Prang" tempera only. Binney & Smith Company, according to findings, had allowed additional 5 and to some customers 10 percent discounts over and above the regular trade discount, but, since issuance of the commission complaint in this proceeding, had discontinued the 5 percent discount and allows to all its "competitive distributors" a 10 percent discount over and above the regular trade discount.

Commission findings are further that as compensation for merchandising, promotional and other selling services, percentage discounts or allowances have been granted by the American Crayon Company to some of its "special or promotional distributors," and by the Binney & Smith Company to some of its "special or promotional representatives."

The commission orders direct that the respondents cease and desist from selling their commodities of like grade and quality to competing purchasers at uniform prices and granting varying discounts therefrom in the manner and under the circumstances found, and that they cease granting or allowing compensation to any customers of an amount equal to 10 percent or 5 percent, respectively, of either respondents' net billing prices of the products sold by such customer, or any compensation to any customer, for services or facilities furnished by or through such customer in connection with the handling, sale or offernig for sale of the respondent's products, unless such payments are made available on proportionally equal terms to all buyers from the respondent who are competitors of such customer.

Lueders & Co. Honors Crombie

On Friday last Joseph A. Crombie, plant manager for George Lueders & Co., this city, completed twenty-five years of service with that company. Prior to joining the Lueders organization, Mr. Crombie operated his own plant distilling essential oils for the trade under the name of Joseph A. Crombie & Co.

As is customary with the house of Lueders when one of their organization has completed a quarter of a century of continuous service, Mr. Crombie was presented with the company's twenty-five year service pin and a suitably inscribed wrist watch. The presentation was made by Ferdinand Weber, vice-president of the company, who in his address spoke of Mr. Crombie's fidelity, integrity and the fine character of service he has given at all times.

Petroleum Equipment Use Of Resistant Metals Shown

The use of corrosion resistant metals in the fabrication of apparatus for the petroleum products industries is described in the feature article of the fourth quarter, 1940, issue of Process Industries Quarterly, a publication of the International Nickel Company. Numerous divisions of the issue also show the application of resistant metals in chemical equipment manufacture. Copies of the journal may be obtained from the International Nickel Company, 67 Wall street, New York, on mention of the REPORTER.

Effective Association Essential

—Continued from page 3

rections for the purpose of preserving the fundamentals of the American system of private enterprise, because such organizations are organized and controlled by businessmen themselves. Through these organizations they can take whatever action they may choose within the specific limitations of the antitrust laws. They are truly democratic, therefore, as compared with the state-controlled associations, societies, and similar groups operating in foreign countries.

There is no more effective safeguard against harassing interference with business initiative than the wholehearted support of a business group through its trade association. These groups offer the most promising opportunities for legitimate cooperation and for the development of working arrangements between themselves and governmental agencies that may appear to have objectives inimical to the best interests of private enterprise.

Associations Are Representative

Trade associations are in position to represent entire industries with a considerable degree of authority. Through this representation they may facilitate the removal of at least the most extreme maladjustments in many general industry problems. Such constructive efforts, in cooperation with publicly established agencies, on a basis of officially determined information and statistics can serve to emphasize the salutary aspects of trade association activity. In this way public opinion may frequently be molded in support of industrial policies which will force governmental bodies to divert from the channels of too restrictive policies.

American businessmen have been forced to turn to their trade associations in order to protect their fundamental rights under our system of private enterprise. Through this type of organized effort the privilege of individual ownership and management of business is being safeguarded. The business members of these trade associations are free to manufacture and sell their products at any price they choose and to conduct their businesses as they please. Their cooperative effort is mainly intended to preserve for themselves the opportunity of pursuing their own individual business careers.

Through the preservation of private enterprise, trade associations enable businessmen to unite in gathering and disseminating information in trade journals and statistical reports on industry. They enable businessmen to gather and publish statistics as to the amount of production of commodities and to report market prices. Such freedom of action has been sanctioned by the Supreme Court of the United States and businessmen can be assured that they are not engaged in unlawful conspiracies in restraint of trade merely because the ultimate result of their efforts may be to stabilize prices or limit production through a better understanding of economic laws and a more general ability to conform to them.

The United States has always been known as the land of opportunity. From its earliest beginning, freedom of worship and individualistic living have been the foundations upon which our national economy has developed and prospered. Today our country is the most democratic, enlightened, and progressive nation in the world because our system of private enterprise has guaranteed to the individual businessman the opportunity to labor for success in any field of endeavor. The preservation of the ideals which characterize the privilege of private enterprise in the United States has been due almost entirely to our democratic form of government.

Private Enterprise Symbolic

Private enterprise is synonymous with the American form of government.

The government of the United States was organized solely for political and social purposes. Only those economic functions were contemplated for performance by it which would be essential for the proper exercise of its dictated powers of coining money, collecting and disbursing revenue, emitting credit, operating post offices and carrying mails, and in maintaining efficient military and naval establishments for the protection of the lives and property of American citizens.

The fundamental principles upon which our government was founded have remained unchanged. They were primarily the guaranty of individual liberty and the freedom of private enterprise. A choice was intentionally made between state supremacy and the supremacy of the individual by the founders of the country when they drafted the constitution so as to decentralize the intended plan of government.

The development of the United States under the constitution has resulted in the sound establishment of social institutions which carry out the original conception of our forefathers. The most important of these are the family, the church, science, universal education, the press, and state and private ownership and management of property. These foundations represent factual evidence of the success of the projected vision of our system of government, as visualized by its founders.

Basically, the American idea of government fosters private enterprise by guaranteeing an equality of opportunity based upon the recognition of ability and a rejection of every attempt to establish any degree of class distinction. It cherishes leadership which seeks to effectuate a justifiable balance between the individual and the common good. It recognizes an essential mutuality of interest between government and private enterprise but embraces no thought which limits the preservation of the opportunity for full cooperation between governmental and individual forces in the domain of private enterprise.

The fundamental idea permeating the American form of government is the unrestricted privilege of private ownership and management of the instruments of production and distribution. It does not contemplate any undue assumption of responsibility, by the leadership and administration of politics and government, over the economic affairs of business or private enterprise. It does epitomize, however, the democratic principle which courses through our whole national life which is a dual system of government and the separation of power within the governmental scheme.

Government Competition

Government competition with business will destroy private enterprise.

The government ought not to engage, either directly or indirectly or through subsidies, in the manufacture, production, or purchase of commodities and services for sale in competition with private enterprise. Commodities and services required by the government for all its uses ought to be purchased from the industrial and commercial markets.

Grants of public money cause unfair damages to private citizens in their lawful pursuits, whether such grants are in the form of gifts or loans, regardless of the conditions attached. When emergency legislation is enacted, it should not initiate new governmental functions on a permanent basis which will involve competition with private enterprise in any field of business activity. The government should not employ personnel for functions not directly of a public nature.

If the government is to confine itself within its proper sphere in the administration of its prescribed or intended constitutional functions, every association of business men which has sought such activities in its behalf, not in themselves properly governmental in nature, should withdraw its advocacy and support for such measures, and itself should provide for such of these activities as are warranted at its own cost.

Private Industry Makes Progress

Private enterprise will insure the continued advance of American democracy.

The urge which has spurred on the many hundreds of thousands of businessmen and women in the United States to struggle for success has been the prevalence of our American system of private enterprise. The spirit to take their losses and subject themselves to necessary and inevitable risks has been kindled and rekindled by the knowledge that the guaranty of private enterprise in this country has meant the possibility of unlimited opportunity for individual success. Private enterprise has been considered a privilege for the attainment of individual betterment and a chance for the opportunity to progress spiritually, mentally, and materially—spiritually in the freedom of worship; mentally in the unfettered educational advantages; and materially in the privilege of striving to earn a profit in business.

It has been an acknowledged fact that the progress of industry in the United States has been due almost entirely to the aggressiveness, initiative, and resourcefulness of our people. These characteristics have been the fundamental elements which have constituted the components of our system of private enterprise. Under strict governmental control, ownership, or supervision, the development of the applications of inventions, the expansion of industry, and the wide availability and distribution of new products would never have been achieved to the same degree that has resulted under our system of private enterprise.

The tremendous progress that industry has made in the United States and the unparelleled advantages which modern mechanisms contribute to our present high standard of living have all been made possible by men and women toiling long hours in laboratories and workshops, urged on by that determination and ceaseless striving which has flourished only when men and women are free and working under an economy based upon complete freedom of private enterprise.

It would be obviously absurd to contend that the immeasurable advances which have been made in the spiritual, mental, and economic life of the United States would have been possible under the management of agencies or individuals selected largely through political processes and enmeshed in the inevitable red tape of governmental activities.

Private enterprise must continue to safeguard the interests of human progress for the people of the United States and must not be legislated out of existence by the enactment of regulations which will inhibit the further development of achievements already made. Improvements in our system of private enterprise are possible in the same degree that improvements are being made in our scientific methods of production and distribution.

The fundamental concern of our political leaders and of the people of the United States, however, should be the protection of the basic principles of our American system of private enterprise. It has been that system which has given to the present generation the many privileges and material comforts which are enjoyed daily by millions of people. The continued future development and advancement of the United States will be achieved only through the preservation of individual opportunity and that can be assured only through a permanent prescription for American private enterprise.

Trade Associations Role

The trade association has an important place in protecting our system of private enterprise.

One of the fundamental reasons for the development of the trade association movement has been an attempt to reconcile freedom of private enterprise with public authority by an endeavor of businessmen to participate in the formulation of public policy with those responsible for it. A strictly individualistic policy of unfettered and unregulated competition has been found in practice to encourage waste and has produced such a degree of dominance by the most unscrupulous representatives of industry that the most rugged individualist in business has become convinced that some sort of governmental supervision is essential to guarantee fair and competitive orderly marketing. The tendency toward authoritative control of individual businesses under official bureaucratic forms, however, is generally considered to involve considerable danger of inflexibility and stagnation in economic processes so as to deter many from taking advantage of opportunities that should be developed and exploited under the American system of private enterprise.

Between these two extremes lies a course which the development of trade associations has made more than a theoretical possibility. Through voluntary cooperation in trade and industry it is possible to safeguard the maintenance of free and open competitive conditions and therefore to play an important part in the preservation of the American conception of what private enterprise should represent. Trade associations can develop a sense of collective responsibility in their members which will be held in check by well established mandates of public policy, and they can invigorate the conpetitive system with a spirit of real economic sportsmanship.

Probably no better example of the need for trade associations constantly to exert every legitimate influence for the preservation of our American system of private enterprise is the dependence of the government on such organizations during times of national emergency. From the point of view of both the government and private enterprise, trade associations are absolute necessities in times of national economic and military crisis. During such times, the government is compelled to deal with groups of businessmen and needs information concerning industries which only trade associations can furnish. Unorganized industries are helpless in dealing with numerous governmental agencies in times of stress and find no place whatsoever in any machinery set up under centralized control. The government machinery cannot function without a correspondingly efficient organization in industry. It is compelled to advise and negotiate with trade groups rather than with individual business units on many matters, and such action is only possible when efficient trade association groups are already functioning.

Emergency Functions

A number of specific functions may be mentioned which trade associations can perform in this type of situation. Trade associations may be utilized in aiding in the preparation for national defense in some of the following suggested ways:—

(a) Trade associations, representing their industries, are available at all times on the call of the government to meet with governmental agencies for conferences with reference to any governmental needs or policies.

(b) They can give to governmental agencies complete information as to all individuals, firms, and corporations in their respective industries, together with facts as to their facilities and management.

(c) They can help protect the raw material market and help prevent inflation if the government places its needs before them regarding its real or potential requirements for specific purchases.

(d) They have cost figures which can be utilized by the government regarding commodities desired, and they can can place before the government cost sheets on the basis of which the government may fix fair prices for all competitors when and if such a course is necessary or advisable.

(e) They can make recommendations as to the distribution of orders to prevent bad location, railroad congestion, and labor disturbances.

(f) They can check cost sheets of the government with its recommendations as to distribution with their own cost data and make decisions which will constitute more orderly marketing programs than would otherwise be possible.

(g) They will make it possible for all factors in various businesses to realize their proportionate shares of governmental orders when full production is required, thereby preventing undue advantages to some individual operators.

(h) They can be constantly advised by the government in an authoritative

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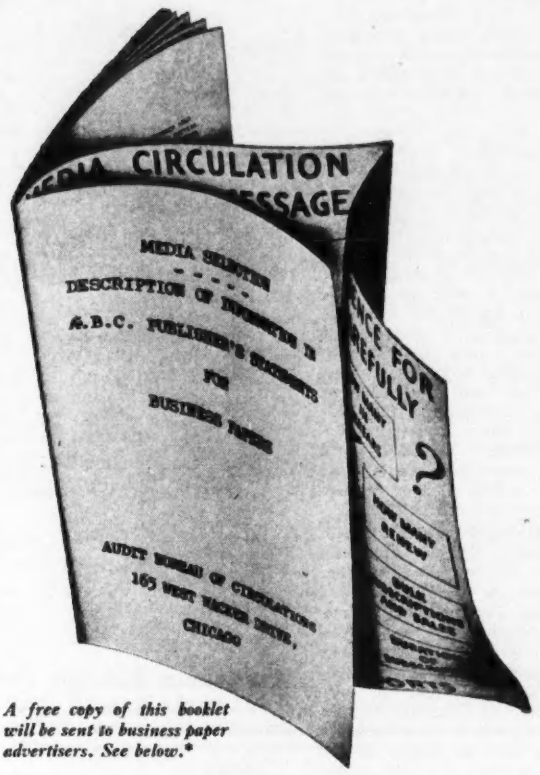

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OIL, PAINT AND DRUG REPORTER

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A. B. C.=AUDIT BUREAU OF CIRCULATIONS=FACTS AS A MEASURE OF CIRCULATION VALUES

manner as to changing conditions, and plans may be systematically made by members of their respective industries to anticipate emergencies and to meet future needs.

(i) They may be utilized to clear priority applications and thereby achieve much better results than if individual applications for priority were presented, thus greatly complicating operations of the priority system.

(j) They may be utilized to great advantage in dealing with fuel, transportation, labor, reconstruction, foreign trade, and similar group problems where industries as a whole should be considered rather than parts of them or individual business men in them.

Corrective Ability

Trade associations provide American business men with an immediate and proven instrument, therefore, for preserving the principle of private enterprise in the economy of the United States. The protection of private enterprise involves not only the continued existence of individual opportunity in business and the guaranty of personal profit and gain, but also the abolition of ruinous competition and trade abuses, the need for effective antitrust administration and enforcement, the recognition of changed industrial and economic conditions, and the necessity for recognizing the need for complete statistical information and other industrial data.

Because individual business men are unable to cope with the economic and business problems arising from the ever-increasing complexities of modern business, owing to the widening of the markets and the burdensome regulations under which business must operate, the American ideal of private enterprise must be preserved and protected by them through united effort in constructive methods of maintaining and increasing profits by the use of commercial and scientific research, standardization and simplification of products, statistical services, and trade practice self-government, through efficiently organized and administered trade associations.

American business men through their trade associations are cementing the principles of our private enterprise system firmly into our national economy by legitimate concerted action in the gathering and dissemination of pertinent information with respect to the production, sale, and distribution of their products. Such activities uniformly fail to show any effect on price and production except as would naturally flow from the dissemination of that information in the trade and its natural influence on individual action. Those forces which would destroy private initiative in the United States can only be thwarted and destroyed by a continuing united effort by American business men through their trade associations. Private enterprise is the life blood of American industry and livelihood and must continue to flourish if the future of American industry and our country is to parallel the past in the maintenance of leadership in the world.

(To be continued)

Manufactures Census Returns Are Released

—Continued from page 27

Fertilizers

	1939.	1937.
Establishments ..	764	743
Salaried personnel[1]	2,666	3,349
Salaries[1,2]	$5,251,099	$6,369,901
Wage earners[2]	18,744	20,898
Wages[2,3]	$13,678,397	$15,364,169
Cost of materials[2]	$128,629,745	$130,080,550
Value of products[2]	$185,684,328	$195,759,025
Value added by makers[4]	$57,054,583	$65,678,475

Flavoring Extracts

Establishments ..	305	228
Salaried personnel[1]	695	799
Salaries[1,2]	$2,312,892	$1,945,605
Wage earners[2]	1,978	1,929
Wages[2,3]	$1,843,461	$1,865,140
Cost of materials[2]	$17,628,498	$13,239,746
Value of products[2]	$41,075,055	$29,741,783
Value added by makers[4]	$23,446,557	$16,502,037

Flavoring Sirups

Establishments ..	172	170
Salaried personnel[1]	649	895
Salaries[1,2]	$2,167,649	$2,071,999
Wage earners[2]	1,611	2,242
Wages[2,3]	$1,920,899	$2,409,005
Cost of materials[2]	$32,529,345	$33,040,142
Value of products[2]	$98,826,785	$88,155,410
Value added by makers[4]	$66,297,440	$55,115,268

Glass Industries

Establishments ..	229	232
Salaried personnel[1]	7,316	7,956
Salaries[1,2]	$17,285,000	$17,803,790
Wage earners[2]	69,821	79,051
Wages[2,3]	$88,304,912	$101,587,694
Cost of materials[2]	$120,775,400	$140,705,950
Value of products[2]	$357,978,022	$387,709,567
Value added by makers[4]	$237,202,622	$247,004,513

Gold and Silver Leaf

Establishments ..	26	26
Salaried personnel[1]	64	100
Salaries[1,2]	$201,590	$237,138
Wage earners[2]	563	625
Wages[2,3]	$469,577	$515,034
Cost of materials[2]	$1,095,785	$1,230,694
Value of products[2]	$2,108,990	$2,209,141
Value added by makers[4]	$1,013,205	$1,068,447

Alliance Oil Gives Specialized Marketing

Its method is one of specialized marketing, or common-sense distribution, but the Alliance Oil Corporation, this city, organized five years ago "to eliminate some of the headaches" of the petroleum industry, claims that all it is doing is selling "the right oil to the right customer."

Leonard C. Quackenbush
President, Alliance Oil Corp'n

This company started in business to handle the many and varied minor products or by-products of petroleum refining. To oil companies by-products are often more of a handicap than a blessing. They aren't the "big noise" that the gasolines and fuel oils are, yet these so-called "by-products" must be made in order to obtain the big derivatives, moreover, they must be marketed. Few oil companies, except the very largest, have sales organizations equipped to handle their by-products; so the Alliance company stepped into the picture. Starting with the products of a few Pennsylvania refiners, it has expanded its scope and now deals with refiners in all parts of the country.

What distinguishes the Alliance company from other oil concerns is its claim that its members are oil marketers and specialists, rather than brokers or jobbers. Primarily, this means that this company acts as principal in every sale of oil it makes and assumes all risks for quality and finance. According to Leonard C. Quackenbush, president of the Alliance company, this gives it many advantages others lack. He elaborates:—

Our business is based on selling the right oil to the right customer. We can do this because we act as principals and also because we sell by specification and specification only. If a refiner turns out a certain grade of oil we find a market for it. If we can't, we suggest manufacturing changes so that it is marketable. Similarly, if a manufacturer needs a certain oil to do a certain job, Alliance will produce that oil, practically tailor-made to whatever the requirements are.

Alliance's method of marketing is sound for all concerned. For the refiner it saves the exorbitant cost of maintaining a large sales organization. For the buyer, it means a consistent and uniform quality of oil, controlled by Alliance whether it comes from one oil company or a dozen. This combined with Alliance's specialized knowledge of oils, has led manufacturers to turn to Alliance for their petroleum products and, in turn, has brought Alliance recognition from foreign governments and from such varied industrial fields as aviation, paper manufacture, drugs, cosmetics, baking, plastics, and chemistry.

American Flange Party Attendance Reached 600

The annual holiday party of the American Flange & Manufacturing Company, this city, was held January 3 in the Waldorf-Astoria hotel. More than 600 guests from all sections of the country, men engaged in the various branches of the oil and chemical trades, packed the Starlight Roof of the hotel at the company's invitation.

R. L. Parish

Despite the huge crowd, the affair was conducted smoothly and efficiently. It got underway about seven o'clock with the serving of cocktails in a large room adjoining the main dining room on the roof. An excellent dinner was served about an hour later. A well-known all-girl band entertained throughout the meal.

Following dinner a variety show of Broadway calibre held the attention of the guests. Featured were a magician, comedy dancer-acrobats, three esthetic dancers and a well-trained chorus. After the show guests again retired to the anteroom where the festivities continued until the early hours of the morning.

The company's annual parties started several years ago in the main office. The guest list grew each year until in 1937 they were forced to hold it in a hotel in order to accommodate the annual swelling of attendance. This year the company's salesmen from all over the country attended, each with several guests.

Officers of the American Flange & Manufacturing Company are R. L. Parish, president; J. J. Meyers, general manager, and F. W. Sample, vice-president. The main plant of the company is located in Chicago. It has sales representatives in all sections of the country.

R.B. Wittenberg Joins International Agricultural

Robert B. Wittenberg, affiliated with the Mathieson Alkali Works, Inc., since 1932, resigned January 1 to join the International Agricultural Corporation, this city. Mr. Wittenberg's activities with Internationl Agricultural will be concerned with market research and trade sales development work in minerals and chemicals.

Robert B. Wittenberg

Mr. Wittenberg started his business career with the Grasselli Chemical Company in 1924, the year in which he graduated from Yale University with a B.S. in chemical engineernig. He was assigned to the Philadelphia sales staff, later transferred to the New York territory and subsequently was named Boston branch office manager. Mr. Wittenberg left the Grasselli organization in 1932 to do market research and development work for Mathieson.

Wood flour production in United States was valued at 780,745 in 1939, compared with 419,277 in 1937.

Dyestuffs, Textile and Leather Chemicals

Buying Narrow—Imported Egg Albumen Scarce and Firmer —South American Arrivals of Quebracho May Be Delayed —Sulphonated Castor Oil Easier—Bichromates Firm

Buying was held close to production requirements in the market for dyestuffs, textile and leather chemicals last week. Consumers failed to expand purchases at this time, preferring to await clearance of inventory matters before embarking on new commitments. The concensus was, however, that reordering on a broader scale would soon materialize in view of the favorable position of many important consuming lines. Price developments were confined to an advance in imported egg albumen and a slight easing in sulphonated castor oil.

No further changes occurred in raw tanning materials or extracts. The mark up in various grades of Quebracho could be traced to the higher costs in handling the material. Sellers expected delays in shipping from South America and and South Africa. Lack of cargo space combined with higher freight and insurance rates were the chief factors in determining future costs.

A further advance in imported egg albumen occurred, which reflected the scarcity of material on hand together with the lack of any nearby replacements from China. Domestic prices were in a firm position. Various starches were in less demand, but prices were well maintained. Corn derivatives were steady to firm. Bichromates were taken moderately against contracts, with fair size export inquiries making their appearance.

Chemicals

Alumina Acetate.—Market continued routine. Prices without change.

Alumina Chloride.—Prices firm, and business fairly steady.

Ammonia Acetate.—Trading only moderate. Prices rule firm.

Ammonia Bichromate.—Small quantities made up the call. Prices unchanged.

Antimony Salts. — Business dull. Nothing new occurred in the prices.

Chrome Acetate.—Consumers made necessary replacements as a rule.

Potash Bichromate.—Commitments moderately active. Fair export inquiry. Prices without alteration.

Potash Prussiate. — The yellow moved in fair volume; stocks of red negligible. Prices firm.

Soda Bichromate. — Replacements were made moderately, and the market retained its firm tone.

Soda Prussiate.—Transactions routine. No change disclosed in the quotations.

Sulphonated Oils.—Various grades of castor were ½c. lower; olive and tallow were unchanged and firm. Interest fairly steady.

Zinc Dust.—Prices firm. Dealings moderate to regular channels.

Dyestuffs

Annatto.—Small lots continued to make up the bulk of the call. Prices rule unchanged. November imports 124,212 pounds, valued $3,635.

Cochineal.—Nothing new occurred in the prices. Fair inquiry.

Fustic.—Shipments moderately active. Prices remained firm.

Hypernic.—Purchases spotty. Prices well sustained.

Indigo.—Buying light. Prices unchanged and firm.

Logwood.—Consumers made fair size replacements to keep market position firm. November imports 1,031 tons, valued $12,445.

Madder Dutch.—Quiet conditions prevailed, and prices remained the same.

Turmeric.—Buying limited to usual channels. Prices steady to firm. November imports 1,466 pounds, valued at $59.

Sizing Materials

Albumen, Blood.—Market position satisfactory, and interest moderately active. Prices firm.

Albumen, Egg.—Imported scarce and prices 4c. higher, ranging from 76c. to 79c. per pound. Domestic prices unchanged and firm. Good inquiry.

Corn, Sugar.—Bookings moderate. Prices well sustained.

Dextrin, Corn.—New business lacked expansion, but market retained its firmness.

Egg Yolk.—Prices held firm. Inquiries and shipments were satisfactory.

Sago Flour.—Buying held closer to production needs. Prices rule unchanged.

Starch, Corn.—Steady to firm price tone. Business fairly steady.

Starch, Potato.—Domestic prices unaltered. Demand irregular.

Starch, Rice.—Consumers showed moderate interest. Prices without change.

Starch, Sweetpotato.—Some inquiry, with shipments only fair. Prices held the same.

Starch, Wheat.—No change in prices, with dealings spotty.

Tapioca Flour.—Firm price tone. Transactions maintained at steady levels.

Price Changes

Advanced

Albumen, egg, imported, 4c. per lb.

Reduced

Castor oil, sulphonated, ½c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.0	154.0	153.8	147.1

Market news that may have developed after this report was sent to press will be found on page 4.

Tanning Materials

Chestnut Bark.—Purchases continued moderate. Prices lacked change.

Cutch.—Market a routine affair. Prices steady to firm.

Divi Divi.—Moderate inquiry. Price-wise no change occurred.

Gambier.—Market position strong, while business was only fair. Prices unaltered.

Hemlock. — Routine shipments against contracts. Prices without change.

Hematine.—New business narrow. Quotations well maintained.

Mangrove Bark.—Prices unchanged. Not much activity.

Myrobalans.—Quotations failed to change, and business was moderate.

Nutgalls.—Market quiet. Prices maintained at previous levels.

Oakbark.—Commitments moderate against contracts. Prices rule firm.

Osage Orange.—Withdrawals narrow. Prices without alteration.

Quebracho.—Market firm at levels established preceding period. Some concern over future shipments of solid because of shipping difficulties.

Quercitron.—Fair demand. Prices underwent no change.

Spruce.—Market maintained its firm tone, while business was moderate.

Wattle Bark.—No feature to the trading. Prices failed to change.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Capitol Dye Works Damaged

West Haverstraw, N. Y. Jan. 7, 1941

A three-hour fire at the Capitol Piece Dye Works in the Haverstraw Industrial Terminal today caused damage estimated at $50,000. Officials of the company said that a $10,000 dryer and $40,000 worth of finished printed dye goods were destroyed.

National Oil to Expand

An extensive plant expansion program will be undertaken by National Oil Products Company, of Harrison, N. J., as part of the recent Securities Exchange Commission refinancing plan, according to Charles P. Gulick, president and chairman of the board. Part of the funds will be used to build extensions to existing plants, and to otherwise increase production facilities, Mr. Gulick said.

N.Y. Textile Chemists To Hear Clark Jan. 24

The New York section of the American Association of Textile Chemists and Colorists will hold its regular monthly meeting January 24 in the Swiss Chalet, Rochelle Park, N. J. Ormand W. Clark, of the Calco chemical division of the American Cyanamid Company, will address the gathering on the subject "The Dyeing of Spun Rayon With Vat and Fast Light Colors." The usual informal dinner, at 6:30 p.m., will precede the business sessions.

Fansteel Corp. Expands Output of Rare Metals

The Fansteel Metallurgical Corporation, North Chicago, the nation's only producer of two rare metals—tantalum and columbium—will expand its plant facilities at an estimated cost of $150,000. The company's subsidiary, Vascoloy-Ramet Corporation, Jersey City, also is expanding.

Tantalum, a hard metal, roughly five times more precious than silver, is being used both directly and indirectly in the national defense program. It is used as a hardening substance for metals from which steel cutting tools are made. Another important use is as a corrosion resisting material for chemical plants equipment, particularly that connected with nitric acid production. It is also used by the Army and Navy in portable radio transmitters. Columbium is adaptable to most of the same uses as tantalum and is considered a reserve that can function as a substitute.

Liquid Carbonic Expanding

Liquid Carbonic Corporation, Chicago, has acquired the Independent Oxygen Company of Cincinnati and Wall Chemicals, Ltd., operating in the oxyacetylene field with plants in Montreal, Toronto and Windsor.

Independent Oxygen was acquired for cash and its business merged with Wall Chemical Corporation, a wholly-owned subsidiary of Liquid Carbonic, Canadian company was purchased for 16,100 shares of Liquid Carbonic stock and $85,000 in Canadian funds.

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Write for our convenient specification chart and for complete information on Barrett coal-tar solvents. We will gladly cooperate with you in selecting the most suitable solvent or in developing special solvents for your purpose. Inquiries are invited.

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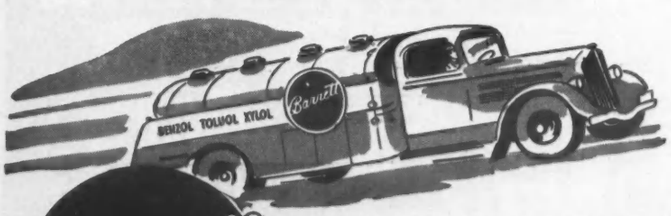

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Coaltar Chemicals

Cresylic Acids and Cresols Well Booked Ahead on Contract —Shipments of Many Intermediates Hold at Steady Levels —Seasonal Lull in Colors—Creosote Oil Firm

Business in the market for coaltar chemicals moved at a steady pace for the most part last week. Some repercussions were discernible in a few materials because of inventory adjustments in consuming lines. Activity in the plastic industry augured well for most tar acids and many intermediates. Solvents came in for a fair share of interest, while a lull was apparent in coaltar colors. Export inquiries held at moderate levels. The outlook remained promising. Prices failed to change, and the general tone continued firm.

A firm situation prevailed in tar acids, supplies of cresols, cresylic acids, naphthalene and pyridin were well booked ahead. Output of phenol was adequate to take care of all inquiries at the present time. Creosote oil was in a healthy position, domestic stocks were not too plentiful, while importations were well absorbed. Toluol met with a steady demand, and market held its strong position. Xylol was taken moderately, while benzol moved in a routine manner.

Shipments of many intermediates held at steady levels, reflecting favorable operations in important consuming lines. Phthalic anhydride was well taken. A satisfactory amount of export business was consummated. Coaltar acids were routine. Movement of coaltar colors lacked expansion, and most sellers were of the opinion that buying interest would be stimulated in the near future. A fair amount of export business emanated from The United Kingdom and Far East.

Price Changes

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.6	126.6	126.6	127.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Prices remain the same. Routine withdrawals against contracts.

Carbazole.—Replacements held at fair levels to keep market position firm.

Coaltar.—Moderate shipments of crude and refined. No change in the prices.

Creosote Oil.—Market position firm. Withdrawals held at satisfactory levels. November imports totaled 2,449,622 gallons, valued at $258,045, of which 2,393,879 gallons came from the United Kingdom.

Cresols.—Shipments steady and market well sold ahead against contracts. Prices unchanged and firm. November imports 32,259 pounds, valued at $5,110, all from Canada.

Cresylic Acid.—Shipments and inquiries remain active in certain directions and domestic prices firm. No change in imported material; some new arrivals recently from the United Kingdom. November imports 61,682 gallons, valued at $26,252, of which 55,648 gallons came from England.

Napthalene.—Crude moved well against contracts; not much activity in refined. Prices held firm.

Oil, Shingle Stain.—Market followed seasonal trend. Prices lacked any change.

Phenol.—Shipments continued moderately active. Tone of market about steady, and prices remain the same.

Pitch, Coaltar.—Dealings routine. Prices held at previous levels. November imports 10,062 gallons, valued at $1,348, all from Canada.

Pyridin.—Sellers well booked ahead, and market displayed a steady to firm price tone.

Solvent High - Flash.—Withdrawals irregular.—Nothing new occurred in the prices.

Tar Acid Oils.—Market presented firm tone, while takings were not especially active.

Toluol.—Steady movement against contracts to various channels. Prices held at firm levels.

Xylol.—Usual consumers made moderate replacements to keep market in favorable position.

Chicago Coaltar Bases

Trade is reported a little more active in some grades of coaltar bases, but for the most part activity is quiet, with little feature. Toluol is continuing to command some interest. Call for benzol is reported fairly good. Ruling prices exclusive of tax are:—Benzol, 90 percent, 14c. to 15c. per gallon; motor benzol, 8½c. to 9c., nearby refineries; toluol, 27c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Transactions routine and prices unchanged.

Benzoic.—Consumers made fair size replacements to keep market firm.

Broenner's.—Buying lacked broadening, while prices held the same.

Cleve's.—Moderate purchases with quotations well sustained.

Fumaric.—Shipments and inquiries remained at favorable levels.

Gamma.—Business irregular. No change in the prices.

H.—Market strictly routine. Prices rule firm.

Laurent's.—Usual consumers made necessary replacements.

Maleic.—Demand moderately active. Prices remain unaltered.

Malic.—Fair interest. Pricewise a steady to firm tone prevailed.

Picramic.—Steady inquiry. Prices were well sustained.

Picric.—Spot and contract commitments steady. Prices firm.

Salicylic.—A moderate movement continued to regular channels.

Succinic.—Buying spotty. Nothing new occurred in the prices.

Sulphanilic.—The call was irregular and prices displayed firmness.

Tobias.—Steady to firm price tone with purchases routine.

Other Intermediates

Alphanaphthol.—Steady demand for moderate quantities as a rule.

Alphanaphthylamine.—Firm price tone and buying fairly steady.

Anilin.—Business irregular, but prices remain firm.

Anthraquinone.—Replacement buying moderate. Quotations unchanged.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Association Meetings:—

Wood Preservers Ass'n, Feb. 4-6, Louisville, Ky.

Benzaldehyde. — Prices underwent no change, with business fair.

Benzidin Base.—Dealings routine. Quotations without alteration.

Betanaphthol. — Purchases steady from usual consuming sources.

Betanaphthylamine.—No new price movements and business well maintained.

Diethylanilin.—Trading failed to broaden, prices without change.

Dimethylanilin.—Shipments moderately active. Quotations were firm.

Dinitrobenzene. — Demand steady against contracts. Prices the same.

Dinitrochlorobenzene. — Usual consumers made a steady appearance.

Dinitronaphthalene.—Fair demand. Pricewise a firm tone prevailed.

Dinitrophenol. — Buying conservative. Nothing new in the prices.

Dinitrotoluene. — Steady interest. Prices unchanged and firm.

Diphenyl.—Consumers held commitments close to production needs.

G. Salt.—Market continued routine and prices lacked change.

Metanitroparatoluidin. — Withdrawals narrow. Prices held firm.

Nitrobenzene.—Business steady and prices well maintained.

Nitronaphthalene.—Demand moderate. No change in the quotations.

Orthoanisidin. — Inquiries fairly steady. Prices remain the same.

Orthochloroanilin.—Shipments spotty. Prices failed to change.

Orthonitrotoluene.—Transactions irregular. No change in prices.

Orthotoluidin.—Inquiries and shipments steady. Prices firm.

Parachlorophenol. — Buying lacked any broadening. Quotations unchanged.

Paranisidin. — Withdrawals routine. Nothing new occurred in the prices.

Paranitroanilin.—The call was moderate and prices without change.

Paranitrophenol.—Business fair. No change in the quotations.

Paranitrotoluene. — Steady to firm price tone. Demand irregular.

Paratoluidin.—Prices unchanged and firm. Steady inquiry.

Phthalic Anhydride.—Shipments

—Continued on page 38

United Carbon Erecting $500,000 Office Building

Charleston, W. Va., Jan. 10, 1941

The United Carbon Company is erecting a $500,000 office building here. The building, the architects drawing of which is pictured herewith, will contain twelve stories, a basement and sub-basement. It will be constructed in a plot measuring 101 feet on the boulevard and 217 feet on Broad street.

Of steel and fireproof construction throughout, the building will contain 150 room-units in its twelve floors. The twelfth story is a penthouse called a roof-deck, and there will be a second penthouse of smaller proportions. It is contemplated that on the roofdeck there will be club rooms, dining quarters and other special facilities for United Carbon officials. There also will be an observation bay.

Proposed Office Building

The building will have an air-conditioning and heating system of newest design for year-around service. Interior walls will be of gypsum block. Floors and corridors will be laid with rubber tile.

The ground floor will be faced with polished black granite and the upper stories will be of gold-colored brick, to bear out the United Carbon colors of black and gold. Polished bronze trim will be employed over the exterior. Glass brick will be utilized for stairway lighting. The first floor will be covered in an artistic design of terrazzo.

The top six stories will be occupied by United Carbon. The lower six will be rented. The company expects the edifice to be completd by March 31. On that date, or shortly thereafter, a public reception will be held, and the building will then be kept open for several days so that the general public may inspect it at will.

Obituaries

Harry H. Alexander

Harry H. Alexander, former consulting metallurgist and plant manager for the American Smelting & Refining Company, this city, died January 5 at Westfield, N. J. He was seventy-four years of age.

After doing graduate work in metallurgy at Columbia University, Mr. Alexander was associated with the American Smelting & Refining Company throughout the major part of his career. His last position was consulting metallurgist, from which he retired in 1925. He is noted for his development of the first practical commercial method of recovering metal from the fumes and dust of blast furnaces, and for the "Alexander wet method" of determining the lead content of ore. During the World War he built the United States' first tin smelter at Perth Amboy, N. J.

Howard A. Cole, a chemist associated with the Texaco Comany at Glenham, N. Y., died January 6 at Poughkeepsie. He was thirty-four years of age.

Abraham B. Coleman, cost analyst for twenty-seven years for the Corn Products Refining Company, this city, died January 8 after a prolonged illness. He was seventy-three years of age.

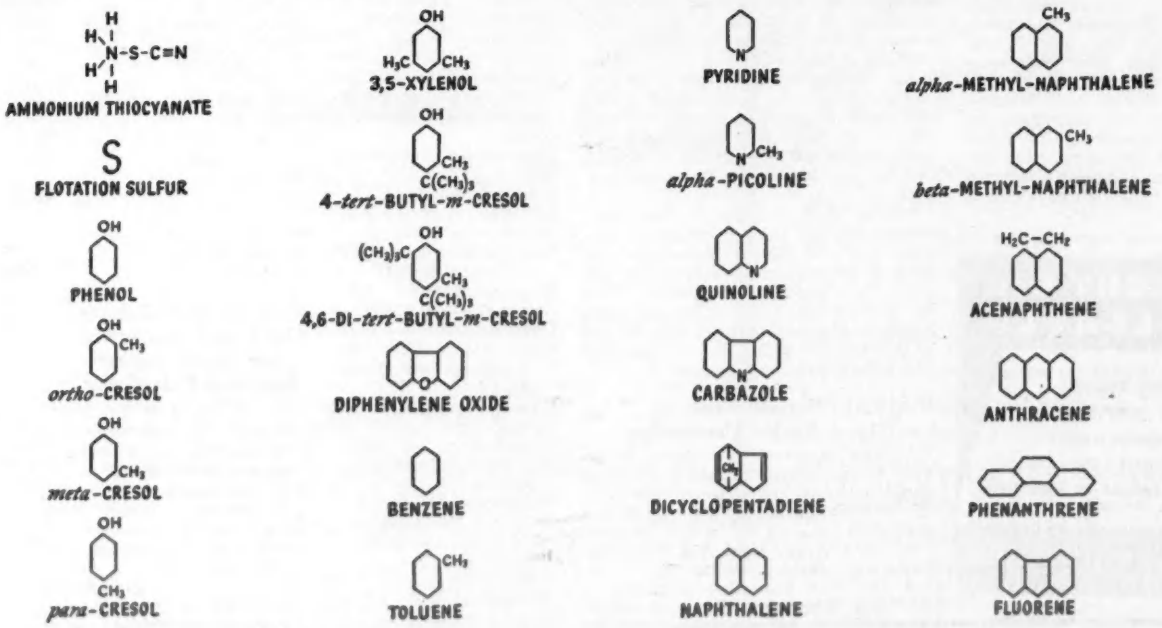
John W. Gayle, for fifty-four years engaged in the drug business at Frankfort, Ky., and for fifty-two years secretary of the Kentucky Pharmaceutical Association, died at Frankfort January 7. His age was eighty-one.

Henry A. Piper, manager of the planning division for E. I. du Pont de Nemours & Co., Wilmington, Del., died January 7 after an appendectomy. He was sixty-two years old.

George Thomson, president of the Thomson Phosphate Company and the Southern Illinois Manufacturing Company, died January 6 in his home near Chicago. He was sixty-six years of age.

KOPPERS *Chemicals from Coal*

The development of the synthetic chemical industry has created an interest in chemicals from coal, many of which heretofore have not been available in the United States in commercial quantities. Some of them are already in commercial production and others, now produced in semi-commercial quantities, can be made available in larger volume if desired. Send for the book of data sheets containing information on the physical and chemical properties of these compounds or Koppers technical representatives will appreciate an opportunity to discuss these products with you.



KOPPERS COMPANY · KOPPERS BUILDING · PITTSBURGH, PA.

KOPPERS

Coaltar Chemicals

Other Intermediates

—*Continued from page* 37

moved steadily and the market displayed a firm tone.

R. Salt.—Usual consumers provided a routine interest. Prices unchanged.

Schaeffer's Salt.—Market a routine affair. Prices without change.

Thiocarbanilide.—Firm price tone and moderate demand.

Toluidin.—Prices remained firm and transactions were steady.

Xylidin.—Moderate activity. Price-wise a firm tone prevailed.

Coaltar Colors

It was too early for any definite expansion in business in the market for coaltar colors last week. Most sellers experienced a lull in new business, but were highly optimistic regarding renewed activity in the near future. Conditions in many consuming lines were favorable, and it was only a question of time before reordering would make its appearance on a broader scale. Export inquiries were regarded as satisfactory, coming principally from the United Kingdom, Canada and the Far East. November imports amounted to 104,624 pounds, valued at $169,456, of which Germany and Switzerland supplied the bulk. A generally firm price tone prevailed.

Nine new colors are featured on the regular edition of the Spring hosiery card issued by the Textile Color Card Association. Outstanding are warm tones in the sunblush, suntan and sunbronze range. Light blond biege and golden tan are also featured, with other shades including new versions of neutral tones.

Monsanto Promotes Five

Daniel S. Dinsmoor, manager of the Monsanto, Ill., plant of Monsanto Chemical Company, has been made assistant general manager of the organic chemicals division of the company. His headquarters will be in St. Louis. Succeeding him as plant manager at Monsanto, Ill., is William G. Krummrich, who has been manufacturing superintendent of that operation, one of Monsanto's larger chemical producing units. S. Cottrell, assistant manufacturing superintendent, has been named manufacturing superintendent for inorganic chemicals and R. Sanford has been made manufacturing superintendent for organic chemicals. Paul Tompkins, assistant supervisor of the phenol department, has been promoted to the position of assistant to the plant manager.

Devoe & Raynolds Sells Plant

The former paint and varnish plant of the Devoe & Raynolds Company, Inc., at Newark, has been sold, it was announced last week. The plant consists of a group of buildings of one, three and four stories containing a total floor area of about 100,000 square feet. It was purchased by the paint firm in 1913 and was used until last year when all the company's Eastern operations were consolidated at Malden, Mass.

J & L LIGHT OIL DISTILLATES

Commercially Pure Benzol
90% Benzol • CXP Benzol
XYLOLS (Solvent Naphtha)
Reagent Benzol • Pure Toluol
Sulphate of Ammonia

JONES & LAUGHLIN STEEL CORPORATION
PITTSBURGH PENNSYLVANIA

Phthalic Patent Suit to Start Jan. 21

—*Continued from page* 3

was filed December 16, 1939, denying that the two patents in suit were duly and legally issued, and denying infringement or damage to the plaintiff or profit by the defendant. The defendant further avers that the patents in suit are invalid and void because Harry D. Gibbs and Courtney Conover and not Alfred Wohl were the "first and true inventors" of the subject matter of said patents.

The defendant names twelve other individuals and corporations having alleged prior public knowledge of the patents' subject matter.

Reichhold Chemicals will contend that the patent law of the Free City of Danzig did not afford citizens of the United States privileges substantially reciprocal to the privileges accorded by the Nolan act and that the alleged general order of the Commissioner of Patents No. 2884, dated October 6, 1924, is invalid. Wohl was a citizen of Danzig when he filed the United States applications for the patent in suit, the defense says. Reichhold Chemicals will also contend that the Wohl German applications cannot, in accordance with the laws of the United States, be made the basis of priority, and that in controversy with Gibbs and Conover patents No. 1285117 dated November 19, 1918, and 1417367 dated May 23, 1922, Wohl is restricted to his United States filing dates for priority. Further, Reichhold Chemicals will also aver that the Wohl German applications are "defective, deficient and inoperative," and will cite "prior art" as allegedly anticipating both patents and allegedly showing there is no invention in either of them. The defendant will rely upon the rights or licenses under the Gibbs and Conover patents, whereby it avers each and every citizen of the United States obtained the free right and license to practice the inventions of said patents.

National Aniline's counsel advised defendant's counsel that plaintiff would rely at the trial on claim 2 of patent No. 1787416 and claims 1, 2, 3, and 6 of patent No. 1971888.

Bakelite Opens New Office

Bakelite Corporation, unit of Union Carbide & Carbon Corporation, this city, has opened a varnish resin sales office at 4228 Forest Park boulevard, St. Louis, Mo. E. L. Metcalf has been appointed in charge and will render technical service to the South and Southwest territories in connection with bakelite synthetic resins for protective coatings.

Steel Barrel Output Off

Heavy type steel barrel production amounted to 1,457,342 in November, compared with 1,519,624 in October and 1,636,273 in November last year. Shipments in November totaled 1,455,370, against 1,534,378 in October and 1,633,370 in November last year. Unfilled orders at the end of November amounted to 402,257, against 430,764 in October and 966,519 in November last year.

Output of light types in November totaled 236,791, against 256,264 in October and 320,793 in November last year. Shipments in November amounted to 237,270, against 255,949 in October and 318,029 in November last year. Stocks at the end of the month totaled 32,732, against 33,211 in October and 45,218 in November last year.

N.A.R.D. Names Freking To Direct Radio Promotion

National Association of Retail Druggists has appointed Harold C. Freking, Cincinnati, as radio coordinator for the association. He will work out programs to tie-in with National Pharmacy Week, First Aid Week and other special sales events. Mr. Freking has been executive secretary of the Ohio Valley Druggists Association.

PHENOL U.S.P.
ICE WHITE CRYSTALS
AMERICAN-BRITISH CHEMICAL SUPPLIES, INC.
180 MADISON AVE. Telephones ASHland 4-2265 and 4-2266 NEW YORK

What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Three-hundred-sixtieth Instalment

Petroleum

Antiknock Agents for Petroleum Motor Fuels

Alocohol
Aldolalphanpathylamine
Aminocymene
Anilin
Anilol
Aromatic amines
Benzene
Benzene in kerosene
Carbonyl hydrides
Cobalt carbonyl hydride derivatives
Diethyl seledine
Diethyl telluride
Ethol
Ethyl fluid
Ethylisopropyl ketone
Fuel-soluble esters
Iron carbonyl
Iron carbonyl hydride
Lead-tetraethyl
Lecithin
Metal carbonyl hydrides
Metal salts of other derivatives of cobalt carbonyl hydride
Methylisobutyl ketone
Methylisopropyl ketone
Nickel carbonyl, polymerized
Paracymene
Tetraethyl-lead
Toluidin
Triethylmethyl-lead

Antioxidants for Petroleum Products

Abietic acid
Acetyldiphenylamine
Acetyldiphenylhydrazin
Alkyl substituted para-aminophenol
Alkyl substituted phenylenediamine
Alphacrotonic acid
Alphanaphthol
Alphanaphthylamine
Alphapicolin
Alphathionaphthol
Amines
4-Aminobetanaphthol
Ammonium naphthenate
Antimony compounds of type paraethoxyphenyl-antimony oxide or 2:4-dimethylphenyl-antimony oxide
Arsenic compounds of type paraethoxyphenyl-arsin oxide or 2:4-dimethylphenylarsin oxide
Benzalpara-aminophenol
Benzoic acid
Betanaphthol
Betanaphthylamine
Betathionaphthol
Bntyl para-aminophenol-sulphate, normal
Butylmercaptan
Catechol
Cetyl sulphide
Cetyl alcohol
Cinnampylpara-aminophenol
Copper naphthenate
Copper salts
Cresol
Dialphanaphthylformanisidin
2:4-Diaminophenol
Dibenzyl disulphide
Di-N-butyl disulphide
Dibutyl selenide
Dibutyl sulphide
Dibutyl telluride
Diethyl disulphide
Di-isomayl disulphide
Dimercaptodiphenyl
2:4-Dimethylphenyl-arsin oxide
Dipentene
Diphenols
Diphenyl disulphide
1:3-Diphenyl-2-propyl-tetrahydroglycoxalin
Dipropyl disulphide
Esters of aliphatic acids
Esters of unsaturated dicarboxylic acids
Esters of aromatic acids
Ethyl para-aminophenol-sulphate, normal
Eugenol
Formylphenylhydrazin
Guaiacol
Hydrazobenzene
Hydrogenated naphthylamine
Hydroquinone
Hydroxymethylanethol
Hydroxytetrahydroquinolin
Iron salts
Maleates
Maleic acid
Mesodibutylacridin
Mesodiethylacridin
Mesodimethylnaphthylacridin
Mesodiphenylacridin
Mesoditolylacridin
Mesoethylphenylacridin
Mesomethylbutylacridin
Mesomethylphenylacridin
Methylenedibetanaphthol
Monobenzylpara-aminophenol
Naphthyl disulphide
Oleic acid
Orthoaminophenol
Orthophenylphenol
Orthothiodiphenylamine
Para-aminophenylcarbinol
Para-aminophenol
Paracyclohexylaminophenol
Paraditolylparaphenylenediamine
Paraethoxyphenylarsin oxide
Parahydroxyphenylmorpholin
Paramethylaminophenol
Para-p'-diaminohydrazobenzene
Para-p'-isopropylmesodimethylacridin
Paraphenylaminophenol
Phthalates
Pine oil
Polyhydroxy aromatic compounds
Prophenylguaethol
Propylguaethol
Pronylparaoxybenzoic acid
Propylphosphin
Pyrogallol
Resorcinol
Salicylic acid
Thiocresols
Thiourea
Thymol
Triethyl arsenite
Triethylphosphin
Triphenols

Corrosion Inhibitors Used on Equipment for Handling or Treating Petroleum Products

Alkylated phosphonium triamide
Arsenic compounds
Arsenic-phosphorus compounds
Cupric chromoglucosate
Phosphoric acid esters with castor oil
Phosphorus compounds
Santolube
Triphenyl phosphite
Phosphite ester of alkylated phenol

Dehydrating Agents for Petroleum Products

Aluminum trioxide
Anhydrite
Anhydrone
Barium oxide
Barium perchlorate
Boric anhydride
Calcium carbide
Calcium chloride, fused
Calcium oxide
Calcium sulphate, anhydrous
Calcium-magnesium chloride
Copper sulphate, anhydrous
Dehydrite
Dessichlora
Magnesium chlorate
Magnesium oxide
Magnesium perchlorate
Magnesium perchlorate, trihydrate
Magnesium sulphate, anhydrous
Perchloric acid
Perchloric acid, anhydrous
Phosphorus pentoxide
Potassium carbonate, anhydrous
Potassium hydroxide
Potassium hydroxide, fused
Soda-lime
Sodium sulphate, anhydrous
Sulphuric acid

Desulphurizing Agents for Sweetening Petroleum Products

Aluminum hydroxide
Aluminum sulphate
Bauxite
Calcium oxide
Copper chloride
Copper oxide
Cuprous chloride
Floridin
Iron hydroxide
Iron sulphide
Lime
Magnesite
Mercury
Quicklime
Silver nitrate (laboratory method)
Sodium
Sodium hydroxide in methanol with a small proportion of elementary sulphur
Sodium plumbite with sulphur
Talc

(To be continued)

Wetting Agents Used in Petroleum Oils for Cutting and Similar Purposes

(*Continued from January 6 issue*)

Triethanolamine linoleate
Triethanolamine oleate
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate
Triton suds
Triton 72 O
Turkelene
Turkey red oil
Turkey red oil with organic fat solvent
Twitchell base 265
Ultravon W
Ultrawet
Vatsols
Viriform A
Wetanol
Wetit
White pine oil
Xynomines
Yarmor 302
Zephiran

Paint, Varnish, Lacquer Materials

Producers of Paint Material Anticipating Better Sales in 1941 —Current Business Better Than Last Year—Bone Glues Higher—Another Hide Glue Advance Probable

Basing their conclusions on contracts already written, producers of various raw paint materials were pointing toward a banner business year last week. With increased construction and the general improvement from the national defense program paving the way, paint sales this year should be substantially higher than in 1940, prominent producers felt. In most cases the current situation was running far ahead of the corresponding period of last year.

Most noteworthy change during the past week was an advance in calcimine type bone glues. The new prices were almost nominal, however, as consumers reported material was exceedingly scarce. Hide glues, advanced two weeks ago, were also hard to obtain. Another advance in the latter at the end of this month would cause no surprise in the trade. Lacquer materials were steady, with an increase in isobutyl propionate recorded. Pigments and dry colors were moving satisfactorily, with the market for the latter materials featured by better interest in mercuric oxides and quicksilver vermilion. Casein was unchanged, with production remaining far below normal.

The market for natural resins remained quiet but a pick-up is expected toward the end of this month. Rosin and turpentine had an upward trend, turpentine moving up to a new high point for the season. Offerings were generally light and demand increased.

Metallic Lead and Zinc

Buying of pig lead remained on the light side during the past week. Inquiries for slab zinc were not as numerous as in the previous week, but demand remained in excess of available supplies. All prices were firm and unchanged both at New York and East St. Louis.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from January 4 to January 10, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0550@.0555	$0.0535	.. .. ..
Monday	.0550@.0555	.0535	.. .. ..
Tuesday	.0550@.0555	.0535	.. .. ..
Wedn'sd'y	.0550@.0555	.0535	.. .. ..
Thursday	.0550@.0555	.0535	.. .. ..
Friday	.0550@.0555	.0535	.. .. ..

* London exchange closed.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from January 4 to January 10, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0765	$0.0725	.. .. ..
Monday	.0765	.0725	.. .. ..
Tuesday	.0765	.0725	.. .. ..
Wednesday	.0765	.0725	.. .. ..
Thursday	.0765	.0725	.. .. ..
Friday	.0765	.0725	.. .. ..

* London exchange closed.

Pigments

Flake White.—Steady and in fair demand at higher figure reported last week.

Litharge.—Market fairly active. Price steady.

Lithopone.—Advances made two weeks ago failed to influence buyers who called for their normal quotas during the period under review. Prices were steady.

Metro-Nite Pigment. — Demand slightly better. Price firm.

Titanium Pigments.—The market started the new year in a more than satisfactory position. Consumers were showing good interest in offerings and shipments were in good volume.

Lead Titanate.—Call for supplies was only routine but the tone of the market was firm.

Price Changes

Advanced

Glues, bone, calcimine type, c.l., divd., ½c. per lb.
Isobutyl propionate, ½c. per lb.
Rosin, gum, 4c. to 30c. per 100 lbs.
Shellac, T.N., 1c. per lb.
superfine, 1c. per lb.
D.S., V.S.O., Diamond I, 1c. per lb.
garnet, 1c. per lb.
Turpentine, 1¾c. to 3c. per gal.

Reduced

None.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
128.0	**128.0**	**127.4**	**126.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Orange Mineral.—Steadiness of the pig lead price was reflected in quotations on this pigment. Demand was fairly good. Shipments were routine.

White Lead.—The dry product was moving well. Advances January 2 strengthened the market. White lead-in-oil movement was routine.

Zinc Oxides.—Demand good. Prices firm.

Fillers and Extenders

Asbestos.—Routine call. Prices steady.

Asphaltum.—Normal business reported. Price structure stable.

Barytes.—A fairly good call was reported, with the outlook for this year very promising. Prices were steady and unchanged last week.

Blanc Fixe.—Market marking time. Prices firm.

China Clay.—Better interest in spot offerings reported. Shipments slightly heavier. Price firm and unchanged.

Diatomaceous Earth.—Routine movement. Demand only fair. Price firm.

Fullers Earth.—Normal trade reported. Price firm.

Graphite.—Shipments at seasonal level. New business small. Prices firm and unrevised.

Gypsum.—Inquiry slack. No changes in quotations.

Mica.—Little of new interest. Market steady. Demand fair.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Association Meetings:—

Wood Preservers Ass'n, Feb. 4-6, Louisville, Ky.
Painting Contractors of Amer., Feb. 4-7, St. Paul, Minn.
Purchasing Agents Ass'n, May 26-29, Chicago.

HOOT MON! PARANOL 25

FOR A MON WI' AN EYE TO LOW COST PRODUCTION

Paranol 25 is a bonny buy . . . and the quality would truly surprise a mon wi' a searchin' pair of eyes!

And listen, mon! The way it works wi' softer oils will make your heart do a highland fling for glee.— Sshish! A sample and data dinna cost ye nothin'.

Our Technical Staff is at Your Service

PARAMET SYNTHETIC RESINS

PARAMET CHEMICAL CORPORATION
MANUFACTURERS OF SYNTHETIC RESINS
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ULTRAMARINE Color..THAT'S ALL!

When you buy Calco Ultramarine, your money buys color—the kind of color you can depend on for tinting to whites or working with deeper shades—the kind of color that cuts your matching problems to the bone! Because our own precise processing assures uniformity in strength, shade and working properties—as well as superior fastness to light and alkalis. Special types are available, each superb for its purpose, for Paper, Rubber, Paint, Soap, Linoleum and Textile products. Write today, stating your needs for blue, and a free sample will be sent to meet your requirements.

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SALES AGENTS
CALCO CHEMICAL DIVISION
AMERICAN CYANAMID COMPANY
BOUND BROOK Calco NEW JERSEY
Boston • Philadelphia • Providence • New York • Charlotte • Chicago

RED YELLOW **IRON OXIDES** BROWN BLACK
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring St., New York

STEARATES
ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• KANSAS CITY
• DALLAS
• LOS ANGELES
• SAN FRANCISCO
• SEATTLE
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

ZOPHAR **GILSONITE**
ORE IS SOLD AND CLEAN. ALL SCREENED AT THE MINE
Melting points 275°, 300°, and 330°F.
Carload Shipments from Provo, Utah
L. C. L. Shipments from Brooklyn Warehouse
ZOPHAR MILLS, Inc.
112-26th STREET EST. 1846 BROOKLYN, N. Y

Shawnee
DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Cadmium Colors
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ⅛ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
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BE SURE.. ..YOU GET "Flowed-In" GASKETS IN THE PAILS YOU BUY
DEWEY & ALMY CHEMICAL CO.
CAMBRIDGE MASS.

There is not a commercial center of any importance in any part of the World where the Oil, Paint and Drug Reporter does not circulate.

Woodflour.—Domestic grades in better demand. Norwegian material unavailable. Prices withdrawn.

Driers

Movement of stearates and palmitates was not large during the period under review. Prominent producers, however, reported that contracting for delivery during the first quarter was very brisk and supplies would be shipped in good volume later in the period. An advance in stearic acid failed to influence prices on stearates and all quotations were steady and unchanged.

Naval Stores

Southern and local markets for naval stores were more active and firmer last week. Sales of turpentine were reported at Savannah at the highest price recorded for about three years past. The trend of some grades of rosin was also upward. There were reports current to the effect that consumption in important industries is steadily expanding, especially in the case of rosin, and buying interest was also stimulated by renewed talk of inflation and by prospects of a further increase in consumption as a result of the defense program. The government remained out of the market as a seller of turpentine, though some would not be surprised to witness the release of supplies in the not distant future, especially if the market should hold around the present level or advance still further. Offerings of most grades of rosin were light or moderate.

The new system of marketing rosin and turpentine through Savannah for account of holders at other points appeared to be working satisfactorily, though such transactions thus far under the new plan have apparently been rather light. The differential between Savannah and outside points varies from day to day, according to the views of buyers and sellers, while in the case of rosin the grade, the condition of the product and the container also enter into the differential. The practice of giving the tone of the Savannah market in existence for many years has been discontinued.

Naval Stores Exports

Official statistics indicate that most of the items listed under the naval stores group exported from the United States showed decreases during the first 11 months of 1940. Comparative figures for the first 11 months of 1939 and 1940 are as follows:—

	1939.	1940.
Gum resin, 500-lb. bbls..	532,541	321,608
Wood rosin, 500-lb. bbls..	321,999	278,813
Gum turpentine, gals....	8,715,832	4,529,080
Wood turpentine, gals...	1,931,207	1,665,548
Pine oil, gals.....	1,550,915	1,882,525
Sulfate resin, lbs.....	9,031,467	15,136,001

Turpentine. — No material broadening of business was noticeable in the local market last week but in some quarters an increase was reported in the demand for comparatively small or moderate quantities. The market was firmer.

SAVANNAH, Jan. 10.—Following is a record of the turpentine market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday.	...	....	...	...	.....
Monday ..	34¼	1,600	...	202	12,421
Tuesday..	35	3,650	43	89	12,195
Wed-day..	35	4,250	56	127	12,124
Thursday.	35	850	17	33	12,108
Friday ...	35½	4,600	19	54	12,072

* No trading.

JACKSONVILLE, Jan. 8.—Turpentine stock 15,813 barrels.

PENSACOLA, Jan. 4.—Turpentine stock 11,703 barrels.

Chicago—Jan. 10

Turpentine quiet. Ruling prices at the close of business last night were:—Five-drum lots, 44c. per gallon; five wood barrels, 49c.; single drums, 47c.; single barrels, 52c.

Rosin.—A firm tone prevailed in the local market for rosin last week, this being a reflection of developments in the South where the trend of some grades was upward. Business here lacked snap but there were reports of a somewhat better demand for moderate lots.

SAVANNAH, Jan. 10.—Following is a record of the rosin market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$1.50	$1.50	$1.50	$1.50	$1.50
D	...	1.60	1.75	1.85	1.85	1.85
E	...	1.60	1.70	1.85	1.85	1.85
F	...	1.60	1.70	1.85	1.85	1.85
G	...	1.75	1.80	1.85	1.85	1.68
H	...	1.75	1.80	1.85	1.85	1.68
I	...	1.82	1.80	1.85	1.85	1.80
K	...	2.11	2.15	2.17	2.17	2.10
M	...	2.10	2.16	2.17	2.17	2.12
N	...	2.20	2.25	2.30	2.30	2.30
WG ..	...	2.52	2.52	2.55	2.55	2.55
WW ..	...	2.75	2.75	2.75	2.75	2.75
X	...	2.75	2.75	2.75	2.75	2.75
		Barrels				
Sales...	...	188	406	251	289	229
Receipts.	...	512	294	430	248	374
Shipments	...	591	172	10	927	362
Stocks...	...	...	...	...	...	172,804

* No trading.

JACKSONVILLE, Jan. 8.—Rosin stock 332,011 barrels.

PENSACOLA, Jan. 4.—Rosin stock 57,319 barrels.

Chicago—Jan. 10

Rosin remained quiet. Ruling prices at the close of business last night in five-drum lots were:—B grade, $3.06 per lot of 100 pounds net; G grade, $3.10; M grade, $3.62; W.W. grade, $4.15.

Other Naval Stores

Pine Oil.—Increased request for moderate quantities. Tone firm.

Pitch.—Local stocks reported light. Demand fair. Market firm.

Rosin Oil.—Purchasing generally limited to moderate lots. Tone steadier.

Tar.—Steady contract movement. New business somewhat better. Market firm.

Lacquer Materials

Withdrawals were maintained at steady levels in the market for lacquer materials and solvents last week. Acetone was well taken against contracts, and sellers were busily engaged in making shipments to domestic accounts. A good inquiry was noted for export in certain directions. Butyls were moderately active and firm. Price for isobutyl propionate was advanced fractionally to provide the only change. The generol tone of the market was firm.

Acetone.—Steady demand, and market retained its firmness. Good export inquiry in certain directions.

Alcohol, Butyl.—Business moderately active. Prices unchanged and firm.

Butyl Acetate.—Inquiries and shipments hold steady. Prices well sustained.

Cellulose Acetate. — Transactions moderate. Prices underwent no change.

Dibutyl Phthlate.—Interest routine. Nothing new developed in the quotations.

Dichlorethyl Ether.—Market position firm, and shipments moved steadily.

Ethyl Acetate.—Buying steady for replacements against contracts. Pricewise a firm tone prevailed.

Ethyleneglycol.—The call was good in most directions. Prices remain the same.

Isobutyl Propionate. — Prices advanced ½c. to basis of 9½c. per pound in drums at works.

Methyl Acetate.—Prices were firm and unchanged. Business proceeded along steady lines.

Tricresyl Phosphate. — Consumers made their appearance steadily. Market tone was firm, and prices unchanged.

Shellac

Prices on shellac in the local market continued to advance. The spot rise in quotations on T. N. and superfine amounted to 1c. per pound, but it failed to bring a prompt change in prevailing prices on bleached shellac. T. N., on spot, was priced at 16c. to 16½c. per pound; superfine, 16½c. to 17c.; D. C., VS.O. and Diamond I, 27c. to 27½c.; garnet, 20c. to 21c. Bonedry

mineral pigments
NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES
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tended upward but was still quoted spot at 26c. to 27c. per pound at a late hour in the period. Quotations in Boston, Chicago, and on the Pacific Coast prevailed at the usual premiums. Calcutta showed a renewal of strength that revived confidence in the basic position developed by reason of the much under normal output in the Bysaki crop. Local dealers have an excellent amount of business to be delivered to the end of next March and the outlook for the future was one of probable strength.

Dry Colors

Alkali Blue.—Market showing signs of coming to life. Demand better. Price firm and unchanged.

Bone Black.—Business picking up. Prices steady.

Carbon Black.—Demand from Akron tire manufacturers was less insistent last week but shipments still held to good levels. New business was smaller but the market remained stable.

Cadmium Lithopones. — Normal business reported. Prices firm and unchanged.

Carmine No. 40.—Demand was only fair, with better business expected in the near future. Price firm and unchanged.

Chrome Colors.—Routine movement of stocks. New business smaller, but inquiries more numerous. Prices firm and unchanged.

Iron Oxides.—Demand improving. Shipments routine. Inquiries better. Prices steady and unrevised.

Lamp Black.—Routine call. Prices firm.

Mercuric Oxides. — Strengthening tendencies were noticed in the market last week. Spot demand was still sluggish but consumers were showing more interest in offerings. Inquiries were more numerous. Prices were firmer and unchanged.

Ultramarine Blue. — Contracting brisk. Shipments normal. Prices steady.

Umber.—Better than seasonal movement reported. Prices firm.

Vermilion.—More inquiries were noted for the quicksilver material and after several weeks of sluggishness the market showed signs of improving. The price structure gained firmness, although no advances were made.

Varnish Gums

Although the market for natural resins remained quiet during the past week, suppliers were confident that a pick-up would be experienced in the near future. They were optimistic about the prospects for 1941 and demand is expected to exceed by far that of the past year. No prices were changed last week. Exports of gum copal from the Netherland Indies totaled 58,069 gross kilograms during the first eight months of 1940. No exports were recorded for the similar period of 1939.

Synthetic Resins

Ester gum demand remained fairly slack but the market was believed in a good statistical position. Contracting for first quarter delivery was brisk. Price was firm and unchanged.

Glues and Binders

Casein.—Demand was not excessive during the period under review but the market for both domestic and Argentine materials was in a firmer position. Production remained far below normal. No price changes were made.

Glues.—Prominent producers advanced bone glues ½c. per pound last week, making a range of 14c. to 16c. per pound. This followed by a week the 2c. to 4c. per pound advance in hide glues. The bone material was reported very scarce and consumers were encountering difficulty in obtaining supplies. Another advance in hide glues before the end of the month would not come as a surprise.

Howard Kellogg, president of Spencer Kellogg & Sons, Inc., has been reappointed by the board of governors of the Federal Reserve System as a director of the Buffalo branch of the Federal Reserve Bank of New York for a three-year term beginning January 1.

Sherwin-Williams Honors Veteran Employees

Cleveland, January 6, 1941

Members of the various employees' clubs of the Sherwin-Williams Company, paint manufacturer, this city, attended a dinner last night at the

Hotel Hollenden. The 700 guests represented members of the Junior Club, the Brighten-Up Girls Club, the Fellowship Club and the Foreman's Club.

Chief guests of honor at the dinner were two plant employees, William Finau and Robert Boehm, who have completed fifty years service with the company. They were presented with diamond service pins and inducted into the 50 Year Club by H. D. Whittlesey, senior vice-president of Sherwin-Williams. R. B. Clark, attached to the treasurer's office, was presented with a watch and certificate in honor of his completion of twenty-five years service.

George A. Martin, chairman of the directorate, acted as host and introduced A. W. Steudel, who was elected president of the company last December 10. Both men expressed appreciation for the loyalty of the company's employees and Mr. Steudel outlined important plans for 1941, including plans for observance of the firm's diamond jubilee anniversary.

Guest speaker of the evening was Chaplin Tyler, of E. I. du Pont de Nemours & Co., Wilmington, Del., who spoke on "Munitions." Following his talk, the Junior Club, composed of 200 younger men in the company, presented a program on the same subject, with speeches by three members.

Vegetable Oil Producers Survey by SEC

The Securities and Exchange Commission today made public a report on five corporations whose business is primarily the production of vegetable oil. One of these corporations, Archer-Daniels-Midland Company, accounted for approximately 50 percent of the total assets and volume of business reported by the entire group. All of these corporations had securities registered under the securities exchange act of 1934 at June 30, 1939. The companies covered in the report are: Archer - Daniels - Midland Company, Chickasha Cotton Oil Company, El Dorado Oil Works, National Oil Products Company, and Spencer Kellogg and Sons, Inc.

The combined volume of business for these five enterprises for the fiscal year ended on or about December 31, 1939 amounted to $126,000,000 compared with $118,000,000 for the preceding year.

Copies of this supplement, as well as of supplements No. 1-23, inclusive, and Volumes I and II, which are still available may be secured without charge by request to the publcations unit of the Securities and Exchange Commission, Washington, D. C.

N.J. Standard Unit Gets Costa Rican Sales Permit

San Jose, Costa Rica, Jan. 7, 1941

The government and the West India Oil Company, a subsidiary of the Standard Oil Company of New Jersey, have signed an agreement that permits the company to renew sales and importing operations. Similar agreements are being sought with other oil firms.

Gaylord Container Corporation plans a $6,000,000 expansion at its Bogalusa, La., plant.

Sinclair Central American Oil Corporation, this city, has filed a certificate of voluntary dissolution in the office of the New York Secretary of State.

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Crosby Named President Miss. Industries Group

Jackson, Miss., Jan. 8, 1941

Formulation of the Associated Industries of Mississippi, designed to foster and cooperate in the development of business and industry was announced here last week. L. O. Crosby, of Crosby Naval Stores, Inc., was named president. Other officers of the association include:—First vice-president, J. H. Pettey, Greenwood oil man, and second vice-president Frank S. Cannon, Jackson, head of the Pan-Am Petroleum Corporation in Mississippi.

Carbon Black Discussed

How carbon black is used to banish the annoying "clicks" in phonograph records is described in the newest issue of *Witcombings*, publication of Wishnick-Tumpeer, Inc., manufacturer and exporter of chemicals, pigments, oils and asphalts. Other interesting articles in the latest *Witcombings* include discussions of glass-cord and lightweight tires; promising new American-grown drying oils, safflower and lallemantia; a latex sponge porsity tester; a safety lantern that prevents explosions; a new high gloss lacquer for molded rubber; the army and navy color blindness test, and Leonardo da Vinci's grinding mill. Copies will be mailed free by Wishnick-Tumpeer, Inc., 295 Madison avenue, New York, by mentioning the REPORTER.

N.P.V.L.A. Issues Volume Of 1940 Scientific Circulars

The paint and varnish proceedings issued during 1940 by the scientific section of the National Paint, Varnish and Lacquer Association are being prepared in bound sets. The volume contains approximately 850 pages, and is comprised of the scientific circulars numbered 589 to 605, inclusive. Also included are abstract reviews 61 to 63. Copies of the work may be obtained by members at $8.50 postpaid, it is declared. To non-members the price will be increased to include the cost of the circulars.

Shellac Uses to Be Studied

Gordon Obrig, of the industrial research department, Pratt Institute, Brooklyn, has been retained by the Shellac Information Bureau to assist the engineering firm of Barsky & Strauss, Inc., in research work and trade investigations with respect to the growing uses of shellac.

L. L. Gamble, traffic manager for the Daugherty Refining Company, Petrolia, Pa., has been elected president of the Western Pennsylvania Refiners Traffic Association.

Congress Gets Large Batch of Usual Bills

—Continued from page 3

weeds have been introduced in the house by Representative Walter M. Pierce of Oregon. One of the measures (H.R. 613) would authorize the Secretary of Agriculture to build a plant in the vicinity of Bonneville Dam, Oregon, and engage in the production of alkali chlorates. It calls for the construction of an electrochemical plant "capable of producing six to eight million pounds of sodium chlorate per annum." This chlorate would be distributed to States cooperating in a weed eradication program on the basis of factory cost "determined in accordance with approved commercial practice."

The other bill (H.R. 616) makes no reference to government production of herbicides, but authorizes funds for a program of cooperating with States in distributing chemicals and poisons, regulating the sale of seeds, investigating control methods, promotiong cultivation methods, eradicating weeds by relief and other labor, and controlling weeds in other ways.

Legislation embodying these proposals passed the house during the seventy-fifth Congress, but the senate failed to act. Representative Fulmer's bill may stand a better chance this time because he has just been made chairman of the agriculture committee, and his recommendations would therefore carry more weight with the census committee which will consider the measure.

Margarin Tax

Bills to tax margarin and force the use of milk or cream in substitutes for butter have already been placed before the new Congress. H. R. 122, sponsored by Representative Francis Culkin of New York, sets a tax of 10 cents per pound on margarin, in addition to all taxes now levied. The same congressman, in H. R. 124, would make it illegal to manufacture margarin or any other substitute for butter from any fat other than milk or cream.

Disease Control

Senator James Murray of Montana introduced into the senate three bills to aid in the control of tuberculosis, silicosis and dental diseases.

S. 193 authorizes the government to appropriate money for States which have passed compensation plans approved by the Department of Labor, providing protection for workers killed or disabled by silicosis. A second bill (S. 194) directs the Public Health Service to conduct research activities into the cause and treatment of dental diseases. S. 195 sets up a division of tuberculosis control in the Public Health Service to assist States in the prevention of tuberculosis. The bill authorizes an appropriation of $7,750,000 for the first year, $33,500,000 and $37,000,000 for the next two years, and $17,500,000 annually afterwards.

Vegetable Oil Data

Proposals requiring monthly vegetable oils statistics have again been placed before congress. Two identical bills (H.R. 1020 by Representative Hampton Fulmer of South Carolina and S. 182 by Senator Theodore Bilbo of Mississippi) would empower the Bureau of the Census to collect and publish monthly statistics on a number of crude and refined vegetable oils, including soybean, peanut, and flaxseed products. Cottonseed oil producers are already required by law to submit monthly reports.

Farm Chemurgy

Research into farm products and by-products is provided for in a bill (H. R. 1419) presented to the house by Representative Stephen Pace, of Georgia. The measure specifically authorizes the government to build a $50,000 laboratory in Georgia for experiments in the cultivation of peanuts and the control of diseases harmful to the peanut. An annual appropriation of $10,000 would be allowed the research station.

As funds are voted by Congress, the secretary of agriculture is also directed to establish research units in the same areas for investigations into any other crop and its by-products, including cottonseed, peanut oil, and peanut hulls.

An "alky-gas" bill (H. R. 35) was introduced into the house on the first day of the new Congress by Representative Rudolph Tenerowicz, of Michigan. It would make mandatory the use of alcohol in motor fuel, the amount beginning at 2 percent and increasing to 10 percent by 1945.

Petroleum

The house has adopted a resolution extending to May 1 the time for a report by the committee on interstate and foreign commerce on the investigation of the oil industry which it conducted last year under special direction. Representative William P. Cole, jr., of Maryland, chairman of the petroleum subcommittee, says that additional hearings probably will be scheduled in the near future.

Three companion bills to break up integrated oil companies have been introduced by Representative Vincent F. Harrington of Iowa and they are now before this committee. One of the bills (H.R. 1402) would prevent a concern from engaging in the marketing of refined petroleum products at the same time it or an affiliate is engaged in any other branch of the industry. A second (H.R. 1401) would prohibit producers, refiners, and marketers of petroleum products from operating tankers and barges. The third (H.R. 1393) would prohibit pipelines from carrying any oil in which they have any interest or option to purchase, or oil produced from lands owned by them or affiliates. Identical bills (S.170, S.171, and S.172) have been introduced in the senate by Senator Guy M. Gillette of Iowa.

Another attempt to keep Mexican petroleum from entering this country is made in a bill (H.R. 144) introduced by Representative Hatton Sumners of Texas, a slight modification of legislation which failed of passage in the last Congress. The measure orders the President to refuse entry to any materials confiscated by any foreign country, and by the terms of the bill he may also exclude unexpropriated petroleum which has been sent through pipelines carrying confiscated oil.

Two bills (H.R. 6 by Representative Patrick Boland of Pennsylvania and H.R. 1019 by Representative J. Harold Flannery of the same State), introduced the first day, propose a sales tax of 2 cents a gallon on fuel oil, not including fuel for engines, kerosene, gasoline, benzol, naphtha, or gas oil.

N.Y. Paint Club to Meet

The New York Paint, Varnish and Lacquer Association will hold its first meeting of the new year January 16 at the Biltmore Hotel. Refreshments will be served at 6:30 p.m. with dinner immediately following.

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Oils, Fats, and Waxes

Cottonseed Oil and Lard Futures Up to New Highs — Further Advance in Linseed Oil—Stearic Acid and Red Oil Raised —Soybeans and Oil Higher — Coconut Firmer

Miscellaneous oils, fats and greases had an upward trend last week, advances being recorded in various edible and technical products. Business was more active. Much of the purchasing was still along conservative lines, uncertainty concerning the war abroad and tax legislation in this country making consumers disinclined to anticipate to any important extent, but orders for moderate quantities were received more numerously.

Cottonseed oil and lard futures moved up to new high prices for the season thus far, with speculative interest showing a tendency to broaden. The Chicago market for soybeans was also stronger and soybean oil prices were again advanced. The recent rise in tallow was reflected in sharply higher quotations for stearic acid and red oil.

The Department of Agriculture is authorized to establish standard specifications for the grading of cottonseed in a bill (H. R. 571) sponsored by Rep. Wall Doxey of Mississippi. The secretary of agriculture by this bill would collect and spread information of cottonseed and cottonseed products, and would establish sampling and marketing areas in which grading standards would be set up.

Futures trading in flaxseed through the mails or by telephone and other means of communications is prohibited by the terms of a bill (H. R. 983) put before the new congress by Rep. Knute Hill of Washington.

Vegetable Oils

Castor, Dehydrated. — Quotations stationary. Steady contract movement. New business more active.

Chinawood.—Domestic markets firm at recent advance. Inquiry reported more active here. Primary situation firm. Shipment offerings small.

Coconut.—Market firmer with copra. Crude ⅛c. higher here. Demand lighter. Refined fairly active. Copra and coconut oil not included in Manila commodity export tax effectve January 1. Oil export quotations reduced 10 percent.

Corn.—Firmer with competing oils. Prices up ⅛c. to ¼c. Offerings light, spot and futures. Fair demand.

Cottonseed.—Edible oil firmer with crude. Prices advanced ½c. Demand fairly active.

Oiticica.—Inquiry somewhat better. Offerings light. Market firm.

Olive.—Tone firm. Fair demand. Offerings light. Edible oil supplies steadily diminishing.

Peanut.—Firmer with other commodities. Quotations ⅛c. to ¼c. higher. Inquiry more active. Offerings light.

Perilla. — Supplies small. Market quiet and steady. Manchurian perilla seed crop for 1940 officially estimated 47,000 tons against 70,000 in 1939 and 116,000 in 1938.

Soybean. — Market stronger with beans and competing oils. Quotations ⅛c. to ½c. higher. Crude more active. Fair demand for refined.

Trading in soybean oil futures on the New York Produce Exchange from January 4 to January 10, inclusive, consisted of two contracts, a total of 120,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks—		
	High.	Low.	Close.
May	5.40	5.40	5.25 bid
July	...	...	5.30 bid

Markets at Other Centers

San Francisco, Jan. 7.—The general vegetable oil market situation is firm.

COCONUT.—Quoted 2¾c. per pound in tankcars, f.o.b. Pacific Coast and/or mills. Business was brisk and sizeable commitments were made. Market evidently under the influence of purchasing by Russia, which country reported to have bought heavily on Pacific Coast. Copra 1.60c. to 1.65c.

CHINAWOOD. — Stronger. Sales of "free" oil consumated on basis of 25¾c. per pound in tankcars, f.o.b. San Francisco. Government now in market for supplies. Quotation on syndicate oil today is 26c.

OITICICA.—Raw, liquid oil quoted at 19½c. per pound in drums, f.o.b. San Francisco. Tankcars, quoted at 18½c.

Price Changes

Advanced

Carnauba wax, No. 3, chalky, 4c. per lb.
No. 3 North Country, 1c. per lb.
No. 1 yellow, 1c. per lb.
No. 1 yellow, 1c. per lb.
Coconut oil, crude, ¼c. per lb.
Copra, 1/10c. per lb.
Corn oil, ⅛c. to ¼c. per lb.
Cottonseed oil, crude, ¼c. per lb.
edible, ½c. per lb.
fatty acid, ½c. per lb.
Lard, 25c. to 25c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Linseed oil, 4/10c. per lb.
fatty acid, ½c. per lb.
Peanut oil, ⅛c. to ¼c. per lb.
Red oil, ½c. per lb.
Soybean oil, ⅛c. to ¼c. per lb.
fatty acid, ½c. per lb.
Stearic acid, ½c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
103.6	**100.4**	**100.3**	**106.9**

Market news that may have developed after this report was sent to press will be found on page 4.

COTTONSEED. — Domestic bleachable oil quoted 6¼c. per pound in tankcars, f.o.b. northern California mills.

PERILLA.—New-crop Japanese offerings, for January shipment from Japan, are higher than spot stocks here. Spot quotations named at 16½c. per pound in tankcars, f.o.b. Pacific Coast; drums, 17½c. January shipment from Japan at 17½c. per pound in tankcars.

WALNUT.—Crude California oil quoted 6½c. per pound in tankcars, f.o.b. Pacific Coast. Market moderately active.

SESAME SEED.—Steady. Market unchanged at 7½c. per pound in tankcars, f.o.b. San Francisco, for crude.

Chicago, Jan. 10.—A definitely stronger situation has been developing in the vegetable oil market, with purchases a little larger and more frequent.

COCONUT.—Crude, Pacific Coast, January-forward, 2¾c. to 2⅞c. per pound. Refined, edible oil, 7¼c. to 7½c. per pound, drums, car lots; and 7¾c. to 8c., drums, less than car lots.

CORN.—Crude, low acid, 6⅜c. to 6½c. per pound. Refined, edible oil, 8c. to 8¼c. per pound, drums, car lots; and 8½c. to 8¾c., drums, less than car lots.

SOYBEAN.—Crude, 5c. to 5⅛c. per pound.

The market for soybeans on the Chicago Board of Trade was active, cash and futures. Following is a soybean price record, per bushel, for the week:—

	High.	Low.	—Closing— Jan. 10.	Jan. 3.
Cash	$1.03	$1.02¼	....	....
May	1.01¼	$0.97¼	$1.00	$0.97
July	.99⅝	.95⅛	.97⅝	.95⅛

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Association Meetings:—

N. Y. Oil Trades Ass'n, Jan. 21, New York.

Linseed Oil

Flaxseed higher. Linseed oil advanced. Meal steady.

Flaxseed—DULUTH, Jan. 10. — Small cash supplies boosted flax prices here almost 8 cents a bushel during recent days. The cash basis for flax on track remained at 6 cents over Minneapolis May.

The week's closing price range was as follows:—

	Cash.	May.
Saturday	$1.71½	$1.65½
Monday	1.75	1.69
Tuesday	1.74½	1.69
Wednesday	1.75	1.69
Thursday	1.76½	1.70¾
Friday	1.77½	1.71½

Crop movement in bushels follows:—

	—Receipts— 1941.	1940.	—Shipments— 1941.	1940.
This week	77,183	43,122	1,528	.....
Since Aug. 1	5,920,873	4,357,979	4,345,553	3,022,104

MINNEAPOLIS, Jan. 10. — Cash flax flowed to market freely during the past week and fair to liberal daily offers met with ready demand from crushers at firm to stronger prices compared with futures. Today there was a let-down in the country movement and smaller receipts were indicated in shipping advices received. However, receipts were more than sufficient to care for the requirements of the crushers and stocks in local public elevator increased 15,000 bushels in four days compared with a decrease of 165,000 a year ago.

Local crushers took most of the seed but some went to outside mills and competition for medium choice to fancy quality increased. On Tuesday there was advanced a cent in premiums paid for top quality.

This strength of competition was partly due to the very unfavorable harvest news coming from Argentina, where grain shocks are said to be buried under water or floating down streams. Trade in futures was quiet up to Tuesday of the present week and then increased sharply. Speculative buying inspired by Argentine news.

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The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$1.71½	$1.65½	$1.65
Monday	1.75	1.69	1.67½
Tuesday	1.75½	1.68½	1.68½
Wednesday	1.76	1.69	1.68
Thursday	1.77½	1.70½	1.69¾
Friday	1.78½	1.71½	1.70½

Crop movement in bushels follows:—

	Receipts		Shipments	
	1941.	1940.	1941.	1940.
This week	165,000	43,400	28,000	30,800
Since Sept. 1	8,080,160	2,681,600	1,340,400	1,583,430

WINNIPEG, Jan. 10.—The week's closing flaxseed price range was as follows:—

	Cash.	May.	July.
Saturday	$1.39¼	$1.43¼	$1.43¾
Monday	1.43⅝	1.47⅝	1.46⅝
Tuesday	1.45½	1.49½	1.49½
Wednesday	1.46¾	1.50¼	1.51
Thursday	1.49⅝	1.53⅝	1.53⅝
Friday	1.49½	1.53	1.52⅝

BUENOS AIRES, Jan. 10.—Flaxseed, February, 71⅛c. per bushel. Exports this week 315,000 bushels, including 268,000 to the United States. Total since January 1, as follows:—

To—	Bushels This year.	Last year.
United States	268,000	583,000
United Kingdom	.....	826,000
Continent	*4,000	1,071,000
Orders	.....	.....
Others	43,000	4,000
Totals	315,000	2,464,000

* To Spain.

Visible Supply

	Bushels.
Last week	4,331,000
Previous week	3,937,000
Last year	2,362,000

Linseed Oil. — The local market for linseed oil was firmer last week owing to a further rise in ocean freight rates on imports of flaxseed from Argentina and an upward trend in domestic markets for flaxseed. Quotations on oil were advanced to 8.8c. to 9.0c. per pound in tankcars. Business showed some improvement, buying interest being stimulated by unfavorable crop news from Argentina and the strength of the markets for other oils here. There was some increase also in withdrawals of linseed oil on contracts. Receipts of flaxseed in Northwestern markets were lighter and offerings were readily absorbed by crushers and cash interests. Reports of increasing damage to flaxseed by rains were received from Argentina where the fields in some sections were said to be under water. The freight rate on shipments of flaxseed from South America to this country were up to new levels, with as high as $16 per ton reported to have been paid.

MINNEAPOLIS, Jan. 10. — So many matters are coming to a focus currently that oil buyers are not willing to commit themselves very freely so trade so far for the year has been limited and featureless. Yesterday and today prices were advanced .2c. daily and this stirred up some buying. However, most of the consumers have their nearby needs covered and are not going further forward in their contracting.

Quotations on tankcar lots 8.7c. per pound, cooperage 9.3c. per pound, warehouse 9.7c. per pound.

Shipments of oil in pounds were as follows:—

	1941.	1940.
This week	2,950,000	2,040,000
Since Sept. 1	61,900,000	58,540,000

SAN FRANCISCO, Jan. 7.—Linseed oil moderately active, the trade taking both drum and tankcar lots. Bookings are taking place through Spring months. Quoted:—Tankcars, 8.8c. per pound; drum car lots ex-mill, 9.5c.; drum lots ex-warehouse, 9.9c.

CHICAGO, Jan. 10. — Business has shown some little improvement recently in linseed oil. Ruling prices are:—Tankcar, 8.4c. per pound; drums, car lots, 9c.; drums, less than car lots, 9.4c.

Cake and Meal.—A steady tone prevailed in the local market. Better demand for meal. Cake quiet.

MINNEAPOLIS, Jan. 10.—Trade in linseed meal revived quicker and in greater volume than anticipated and prices are up again. Crushers managed to dispose of about all of their January output and have little spot meal to spare to take care of fill-in orders of regular customers. Interest in deferred shipment is much stronger than expected.

Quotations on carload lots f.o.b. Minneapolis, 100-lb. sacks, $30 per ton.

Shipments of meal in pounds were as follows:—

	1941.	1940.
This week	10,080,000	5,920,000
Since Sept. 1	154,111,000	90,800,000

CHICAGO, Jan. 10.—Better demand is reported for linseed meal. Ruling prices are:—Round lots, $29 per ton, nominal; car lots, $29 to $30; less than car lots, $31 to $31.50.

Cottonseed Oil

Refined cottonseed oil futures more active. Price trend upward. Southern markets for cottonseed products also more active and firmer.

Cottonseed Oil.—The market here for refined cottonseed oil futures was more active last week and much of the time the tone was firm. Speculative interest was stimulated by bullish developments in outside markets as well as by renewed inflationary talk. Commission house business showed an increase, outsiders making purchases of May and July. Local and Southern trade interests were regarded as buyers. On strong spots there was selling apparently of a hedging character. Recent buyers liquidated. The selling was not aggressive, however, in view of the action of other commodities. The open interest in the market on January 7 was 2,793 contracts.

New high levels for the season thus far were recorded by both cottonseed oil and lard futures. Speculative sentiment in provision circles in the West was apparently more bullish as a result of smaller receipts of live hogs, and predictions of a further decrease in hog marketing in the near future. The movement of the spring pig crop from the farms this season was unusually fast owing to the high prices ruling for corn, and unsold supplies of hogs on the farms were said to have been materially reduced. Estimates of the next cotton acreage were revised downward.

Sales of crude cottonseed oil were reported in the South at higher prices. Shortening was more active at an advance of ¼c. Soybeans were higher in the West and soybean oil prices were again advanced. Coconut, corn and peanut oils were stronger. The coconut oil quota for export from the Philippines during 1941 was reported to have been reduced 10 percent. The impression existed in some quarters that the monthly cottonseed report from the Census Bureau would make a more favorable showing than in the previous month when the consumption of oil was only 285,000 barrels.

Receipts of hogs in the principal Western markets for four days of the week aggregated 348,100 head against 391,700 head for the same time last year. The weight of the hogs received in Chicago during the week ended January 4 averaged 235 pounds against 232 pounds in the previous week and 236 pounds in the same week last year.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from January 4 to January 10, inclusive, comprised 981 contracts, a total of 58,860,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	6.54	6.35	6.64@6.68
March	6.64	6.36	6.64 sale
May	6.74	6.43	6.74 sale
July	6.85	6.54	6.84@6.85

Crude, Southeast, .05½c. Nom.

Chicago, Jan. 10.—Cottonseed oil more active and firmer. Refined, edible oil is 7½c. to 8c. per pound, drums, car lots; and 8¼c. to 8½c., drums, less than car lots.

Cake and Meal.—Meal reported more active in Southern markets, buying being stimulated by recent developments in the local oil situation. Offerings light. Prices firm.

Markets at Other Centers

Atlanta, Jan. 8.—Prime crude cottonseed oil 5½c. per pound; 8 percent meal, $31.50 per ton.

Memphis, Jan. 9.—Crude cottonseed oil firm. Last sales at 5½c. per lb. at favorable Mississippi points; 5⅝c., Memphis. Cottonseed meal, 41 percent, $29.50 per ton, Memphis. Bulk slab cake $27 per ton, Mississippi points. Hulls, $7 per ton. Seed, $30 per ton. Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	Jan. 2.	Jan. 9.
January	$28.65@—	$28.70@28.85
March	27.85@27.65	27.70@27.80
May	26.85@27.15	27.10@27.25
July	26.40@26.65	26.55@26.80
September	—@—	25.75@26.50

Closing soybean meal futures:—

January	$25.25@25.75	$25.25@25.85
March	25.85@25.75	25.45@25.90
May	25.40@25.75	25.75@—
July	—@—	25.50@—

Fatty Acids

Caprie Acid.—Fair movement of moderate lots to local and outside buyers.

Castor Oil. — Quotations generally maintained at former levels. Moderate demand.

Coconut Oil. — Demand somewhat better owing to strength of basic material.

Cottonseed Oil.—Quotations on fatty acid up ¼c. with crude. Demand better.

Linseed Oil.—Rise in linseed oil reflected in fatty acid market.

Myristic Acid. — Prices stationary. Fair demand for moderate quantities.

Red Oil.—Increased movement to local and other buyers. Prices ½c. higher.

Soybean Oil.—Quotations up ¼c. on strength of crude. Demand fair.

Stearic Acid.—Buying interest stimulated by advance in tallow. Quotations advanced ½c.

Chicago—Jan. 10

Activity is picking up a little in fatty acids.

RED OIL.—Distilled or saponified, tanks, 6¾c. per pound.

STEARIC ACID.—Distilled, single press, 9½c. to 10½c. per pound; double press, 10c. to 11c.; triple press, 12¾c. to 13¾c.

OTHER FATTY ACIDS.—Corn oil, double distilled, 8¼c. to 8½c. per pound, tankcars; coconut oil, acidulated, 9¼c. to 9½c., tankcar; cottonseed oil, double distilled, 7c. to 7¼c. per pound, tankcar; settled cottonseed soap stock, 60-62 percent basis, 2½c. to 2¾c.; boiled down soap stock, 65 percent basis, 3½c. to 3¾c.; cottonseed foots, 50 percent basis, 1⅝c. to 1½c.

Fish Oils

Cod.—Primary market steady. Offerings light. Quiet here.

Menhaden.—Refined oil prices unchanged. Buying limited to small lots.

Sardine.—Consumers purchasing refined oil for current needs only. Market steady.

Sperm. — Local prices maintained. Fair small-lot movement.

Whale.—Refined oil quotations stationary. Business quiet.

Markets at Other Centers

San Francisco, Jan. 8.—With production continuing to lag and oil manufacturers in most cases far behind on commitments, sardine oil was dull. Small sales at 39c. per gallon in tankcars, f.o.b. northern California production point. The weekly report of the California Sardine Products Institute revealed only 49 tons of fish turned in at San Francisco

Crown Sardine Oil

Light Cold Pressed Alkali Refined
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High Iodine Value Low Acid Number
Low Cold Test Uniform Quality

DRUMS TANK WAGONS TANK CARS

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PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS
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District Representatives
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Codes: Yoppa, Robinsons, Bentleys, A. B. C., 5th Edition, Peerless

Bay; Monterey's share of the catch was only 24 tons. Southern California operations slow.

On January 3, a total of 339,042 tons of raw fish had been turned in to the plants, against 434,679 tons as of a year ago.

Baltimore, Jan. 8.—Menhaden fishing continues poor. Rumored some holders offering crude oil at 35c. per gallon after recent sales at 32c., but confirmation lacking. Unsold stocks on Chesapeake Bay are very small.

Fats and Greases

Grease.—Fair spot inquiry. Offerings light. Tone firm.

CHICAGO, Jan. 10.—Choice white grease, 4½c. to 4¾c. per pound; yellow, 4c. to 4¼c.; brown, 3⅞c. to 4c.

Lard.—Cash market firmer with futures. Fair domestic trade. Foreign inquiry slow.

CHICAGO, Jan. 10.—Following is a lard price record, per 100 pounds, for the week:—

	High.	Low.	Closing Jan. 10.	Closing Jan. 3.
Cash	$5.32	$5.02	$5.22	$4.80
May	6.75	6.35	6.67	6.30
July	6.95	6.65	6.87	6.50

Stearin.—Firm with other commodities. Offerings light. Fair inquiry.

CHICAGO, Jan. 10.—Prime oleo stearin, 5¾c. to 6c. per pound; lard, 6¼c. to 6½c.

Tallow.—Inquiry fairly active. Offerings generally light. Market firm.

CHICAGO, Jan. 10.—Eible tallow, 4⅞c. to 5c. per pound; prime, 4¾c. to 5c.; special, 4⅜c. to 4½c.

Trading in tallow futures (new contracts) on the New York Produce Exchange from January 4 to January 10, inclusive, comprised two contracts, a total of 120,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	5.10	5.08	5.00@5.30
March	...	...	5.45@5.75

Animal Oils

Degras.—Increased movement of moderate lots. Tone steadier.

Lard.—Demand stimulated by recent developments in raw materials. Quotations maintained.

CHICAGO, Jan. 10.—No. 1 lard oil 7½c. to 8c. per pound.

Neatsfoot.—Price unchanged. Tone firmer. Fair small-lot demand.

Oleo.—Local stocks reported light. Fair inquiry. Market firm.

CHICAGO, Jan. 10.—Extra oleo oil, 7¼c. to 7½c. per pound.

Tallow.—Firm with raw material. Trade quiet.

CHICAGO, Jan. 10.—Acidless tallow oil, 7¼c. to 7½c. per pound.

Waxes

Bayberry.—Steady, but lacking important activity.

Bees.—Strong undertone. Crude mentioned for special strength. Good call for bleached and refined yellow at full prices.

Candelilla.—Likely to undergo expanded demand. Situation in competing wax growing acute.

Carnauba.—Freight rates from Brazil up about 20 percent February 1. Ship recently destined to fetch 200 tons wax from Brazil to spot reported aground prior to loading. Next arrivals highly uncertain. Spot wax more valuable as sellers become reserved. No. 3 chalky, spot, ton lots, 58c. to 59c. per pound; 5-bag lots, 58½c. to 59½c.; 1-bag lots, 59c. to 60c.; No. 3, North Country, ton lots, 59c. to 60c.; 5-bag lots, 59½c. to 60½c.; 1-bag lots, 60c. to 61c.; No. 1 yellow, 70c. to 71c.; 5-bag lots, 70½c. to 71½c.; 1-bag lots, 71c. to 72c.; No. 2 yellow, 69c. to 70c.

Japan.—Firm. In fair request at full prices.

Resor to Erect Tung Oil Mill in Hintonville

Hattiesburg, Miss., Jan. 7, 1941

G. L. Resor, Chicago, is planning construction of a tung oil mill at Hintonville, Miss., on the G. M. and O. railroad, near the Perry-Greene county line. Mr. Resor said the initial investment will be about $75,000 for the first tung nut crushing plant unit which will have a daily capacity of from 40 to 50 tons of nuts. The Resor Tung Plantations company owns 22,000 acres of land in the two counties and has 6,000 acres planted to tung trees which now are bearing crushable nuts.

Margarin Truck Rates Probe Extended

OPD Washington Bureau
January 8, 1941

Inquiries into motor truck rates on margarin in Eastern States has been broadened by the Interstate Commerce Commission to include an investigation into motor and railroad rates in the Middle West.

The commission today announced an investigation of motor rates on margarin from Chicago to points in Kansas and Kansas City, Mo., and from Indianapolis to Independence, Kans., and Kansas City, Mo. A second investigation was ordered of railroad rates on margarin from Indianapolis and Chicago to Independence and Kansas City. Both inquiries were begun on its own motion.

Hearings will be held together with two previously announced motor truck rate investigations of margarin: from Ohio to New York and Massachusetts, and from Indiana to Kansas.

Retail Sales Tax Bill Offered in N.Y. Senate

Albany, Jan. 9, 1941

Senator William Bewley has reintroduced in the New York Senate his bill of last year imposing a three percent tax on gross receipts on retail sales, services and facilities after June 30, 1941, where aggregate sales are in excess of $1,000. The bill is not regarded as having much chance of favorable action, as an attempt is to be made in New York State to reduce instead of increasing the taxes.

Cities Service Merges Units

Consolidation of its former Harrisburg and New York Divisions into one unit, with operations extending from Springfield, Mass., to Washington, D. C., was recently effected by Cities Service Oil Company.

H. C. Gibson, manager of the former New York division, has been appointed manager of the new division, and R. J. Hull, former New England manager of Cities Service Oil Company, has been made the division's sales manager.

Manchurian Perilla Seed Crop Put at 47,000 Tons

OPD Washington Bureau
January 10, 1941

Perilla seed crop in Manchuria for 1940 has been estimated at 47,000 metric tons by the foodstuffs division of the Department of Agriculture. This compares with 70,000 metric tons in the previous year and 116,000 metric tons in 1938.

In normal years practically the entire crop was shipped to Dairen where it was exported in the form of seed or of oil and cake produced by the Dairen mills. Assuming that the 1940 seed crop will be about 45,000 metric tons and the normal proportion of 40 percent is retained for crushing in Manchuria, the production of oil and cake should approximate 6,000 metric tons of the former and 12,000 metric tons of the latter. Milling has just started.

Exports of oil to the United States during the first eleven months of the 1939-40 season were 3,900 tons. The Dairen trade believes that enough seed may be allotted to the mills to produce between 4,000 and 5,000 metric tons of oil for export to all destinations. Stocks of old crop seed and oil are believed to be practically exhausted.

J. E. Good, vice-president of the Woburn Degreasing Co., fatty acids, Harrison, N. J., left last week for a business trip in the South.

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Yellow Beeswax

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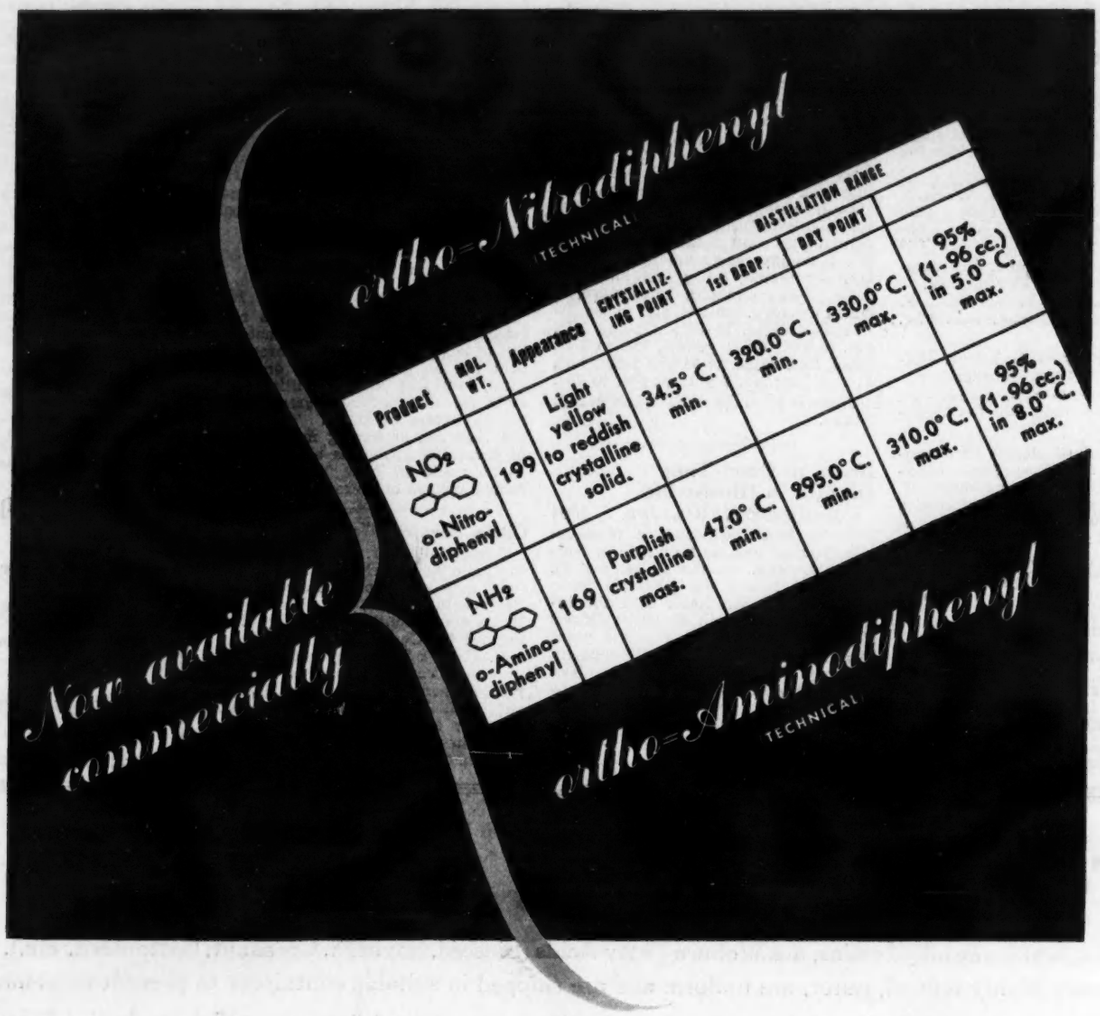
MONTREAL — Pigment & Chemical Co.
PHILADELPHIA — Geo. A. Rowley Co.
PITTSBURGH — J. C. Ackerman
ST. LOUIS — Nolte Brokerage Co.
TORONTO — Harrisons & Crosfield (Canada) Ltd.
WASHINGTON, D. C. — Manufacturers Service Bureau
LOS ANGELES — PORTLAND, ORE. — SEATTLE — SAN FRANCISCO — Martin, Hoyt & Milne, Inc.

Warehouse Stocks at CHICAGO — CLEVELAND — LOS ANGELES — OAKLAND, CALIF. — SAN FRANCISCO — SEATTLE



The chemical configurations of *o*-Nitrodiphenyl and its reduction product, *o*-Aminodiphenyl, suggest a number of possible uses as intermediates in the synthesis of dyestuffs, insecticides and plastic compositions.

The amino compound will give any of the characteristic reactions of an aromatic primary amine. It may be considered where a weighted aniline is indicated to obtain certain desired results.

The current prices of 6¢ a pound for the nitro and 12¢ for the amino compound compare favorably with other materials of similar chemical reactivity.

Both of these compounds are available in commercial quantities. Requests for samples are invited. MONSANTO CHEMICAL COMPANY, St. Louis, U. S. A.

MONSANTO CHEMICALS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

Drugs, Fine Chemicals

Advance in Tartaric Acid, Cream of Tartar, and Seidlitz Mixture Severe—Tartar Emetic Higher—Raw Material Costs Up—Menthol Stronger at Rise

Outstanding above all else in the market for drugs and fine chemicals last week was the advance in producers' prices on tartaric acid. It was by far the largest advance in years and carried cream of tartar, Rochelle salt, and Seidlitz mixture to price levels the highest yet reached during the movement that began in earnest when Italian, French and Spanish raw materials were cut off by the war. Tartar emetic also was raised sufficiently to reflect the rising cost of production. Chinese and Japanese menthol brought higher prices.

In other respects, the drug and fine chemicals market pursued a fairly quiet course. Market undertones were no less strong than they had been, nor was less demand reported. Seasonal items were in excellent request with special emphasis being laid on materials needed in those sections undergoing a mild epidemic of the influenza—notably Ohio and Texas, according to reports.

Prices were basically firm. Because of the strength prevailing in practically all raw materials, finished product prices were thoroughly maintained. Additional strength flowed from the general excellence of demand and the general absence of stock surpluses. The outlook for business was considered excellent.

Price Changes

Advanced

Acid, Tartaric, 5¼c. per lb.
Cream of tartar, 4¼c. per lb.
Menthol, Japanese, 50c. per lb.
Chinese, 30c. per lb.
Rochelle salt, 3¼c. per lb.
Seidlitz mixture, 1c. per lb.
Tartar emetic, technical, 3c. per lb.
USP, 3c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
205.9	204.0	203.3	196.7

Market news that may have developed after this report was sent to press will be found on page 4.

Acetanilide.—Steady demand in volume showing moderate gain.

Acetone.—Firm undertones. Moving well. Prices maintained.

Acetophenetidin. — Demand gains from some parts of country. Prices firm and apparently stable.

Acid, Citric.—Normally quiet. Full price stabilization rules.

Acid, Gallic.—Very firm. Prices supported by strong raw material position. Demand good.

Acid, Gluconic.—Prices low and attractive. Plentiful stocks.

Acid, Nicotinic.—Offered in copious quantities at attractive prices. Conditions favor buyers.

Acid, Lactic.—U.S.P. moving freely at full prices.

Acid, Salicylic.—Firm based on strength of raw material.

Acid, Tartaric. — Price advance sharpest in years. Due to reduced supply raw material and constant rise in prices of same. Market: 10,000 pounds, one shipment, 51½c. per pound. Smaller lots, 52c. Usual terms.

Agar.—Firm but lacking important movement.

Alcohol.—Demand excellent. Industrial requirements gain. Production cost pursue rising curve. Further price advance not unlikely. Production well engaged.

Aloe.—Showing firmness but lacking new price developments.

Aloin.—Movement normal and in good volume. Prices firm.

Ammonia Chloride. — Conditions favoring excellent consumption.

Ammonia Salicylate.—Demand routine. Understones steady. Prices firm.

Antipyrene. — Conditions building excellent sales volume.

Arecoline.—Not too much available. Very firm.

Atropine. — Growing scarce and likely to be scarcer.

Barbital.—Demand normal. Prices steady to firm. Little surplus.

Barium Chloride.—Needs met fully. Routine, steady market.

Berberine. — Demand gains some. Firm market.

Bismuth Metal and Salts.—Firm but routine market. Volume good.

Butyl Acetate. — Demand gains. Firmer prices developing.

Butyric Ether.—Good movement. Conditions about normal.

Caffeine.—Resale market shows undiminished strength. Producers forced to confine sales to regular customers. Very little material in "outside" hands. Holders second hand stocks come near to setting own price. High volume export inquiries.

Calcium Gluconate.—Activity satisfactory and normal. Prices hold.

Camphor.—Slight easier tendency in imported item.

Castor Oil.—Outlook favors expanding consumption. Firmer.

CHICAGO, Jan. 8.—Castor oil prices are:—Cold pressed, U.S.P., barrels, car lots, 10⅝c. per pound; barrels, less than car lots, 11⅜c.; returnable drums, car lots, 10⅜c.; drums, less than car lots, 11⅛c.; tanks, 9⅞c.; extracted, No. 3, barrels, car lots, 10⅛c.; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9c.; drums, less than car lots, 10⅜c.; tanks, 9⅜c.

Chloral Hydrate.—Routine and entirely stable market.

Chloroform.—Good activity along normal lines. Prices firm.

Cocoa Butter.—Scarce. Likely to remain so. By-products in high demand.

Codliver oil.—Slightly easier notwithstanding moderate supply. Other oils competing.

Cream of Tartar.—Higher again. Market: 5,000 pounds, one shipment, 42½c. per pound; smaller lots, 43c. Caused by production cost advance. End not in sight.

Creosote.—Creosote and its products stimulated by gains in seasonal demand. Very firm undertones.

Emetine.—Uneasy and subject to gaining competition.

Ephedrine.—Seasonal influences in full swing. Prices never lower. Everything favors buyers.

Epsom Salt.—Demand sustained at conventional volume. Prices steady to firm. Little competition.

Eserine.—Stocks dwindle constantly. Prices almost nominal in some quarters. No large stocks in sight.

Ether.—Advance consolidated and firmly established. Normal call.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Association Meetings:—

Fed. Wholesale Druggists, Feb. 4-6, New York.
Amer. Drug Mfers. Ass'n, May 5-8, White Sulphur Sprs.
Proprietary Ass'n, May 12-14, New York.
Purchasing Agents Ass'n, May 26-29, Chicago.

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Pure and self-emulsifying Mono, Di and Tri substituted Glycerine and Glycol Esters

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Stearic, Capric, Lauric, Myristic, Oleic, Palmitic, Ricinoleic, Soybean and Linseed Fatty Acids

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KESSCOWAX AC (Acid Emulsifier) **KESSCOWAX 175** (Beeswax Substitute)

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- MERCURY OXIDES (Yellow & Red)
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New York, 420 Lexington Ave. San Francisco, 55 New Montgomery St.

Formaldehyde. — Firm undertones. Consumption maintained. Shows some signs of expanding.

Glycerin.—Movement in good volume. Market undertones firm. Stocks sufficient for more than current undertakings. Gain in consumption not unlikely. Need never be a shortage.

CHICAGO, Jan. 8.—Glycerin prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums, car lots; 13c., drums, less than car lots; high gravity, 11¾c. per pound, tanks; 12c., drums, car lots; 12½c., drums, less than car lots.

Hydrogen Peroxide. — Industrial usage at excellent volume. Prices show substantial stability.

Hyoscine.—In low supply in most quarters. No surplus. Prices approach nominal position, most quarters.

Iodine and Iodides.—Normal demand. Consumption levels satisfactory. Recent additions to raw material stocks substantial.

Iron-Ammonia Citrate.—More than usual demand noted in some quarters. Fully stabilized prices.

Isobutyl Alcohol.—Firm at recent rise in material ex pentane. Consumption rising moderately.

Isobutyl Acetate.—Advance consolidated. Firm undertones. Good call.

Menthol.—Higher. Japanese, $4 to $4.10 per pound. Chinese, $3.60 to $3.70. Small stocks Japanese item. Replacement up in China. Routine demand here. Consumption may rise. Domestic item finding ready market for everything produced.

Methanol.—Tendency toward rising consumption noted. Very firm market. Synthetic production adequate for any requirements.

Methyl Acetone.—Firming steadily. Price shading apparently ended. Due to rise in competing materials.

Mercurials.—Steady. Likely to reflect firming tendency raw material. Demand normal.

Quicksilver.—Tending firmer. Less price shading, spot. Pacific Coast production well engaged. Government requirements strengthening element.

San Francisco, Jan. 7, 1941.—Both prompt and future positions were moved in moderately large amounts in the New York market for account of Pacific Coast producers last week and inquiries are running rather heavily for additional supplies. At least one lot of 700 flasks was engaged for early delivery on a reported basis of $165, New York. A transaction for future delivery, evidently in a position late this year, was moved at a considerable discount. On the other hand, sellers are not inclined to discount the market to any extent for positions through the Summer, owing to commitments already made. Metal on the spot here can be purchased at $163, in moderate amounts.

Quinine.—Little change. Consumption good. Strong undertones. Talk of price advance contrasts with former reports adequate reserves raw material and manufactured goods. Sellers showing reserve accepting new orders.

Rochelle Salt.—Advanced raw material cost raises market. New prices: 5,000 pounds, one shipment, crystals, 32½c. per pound; powder, 31½c.; smaller lots, crystals, 33c.; powder, 32c.

Santonin.—Higher prices would not surprise. Largest consumption season not far off. Prices showing added strength.

Seidlitz Mixture.—Higher. Prices, 5,000 pounds, one shipment, 22¾c. per pound; smaller lots, 23¼c. Production cost rising. Likely to continue due raw material situation.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	26⅞	34⅝	23⅝
Monday	26⅞	34⅝	23⅝
Tuesday	26⅞	34⅝	23⅝
Wednesday	26⅞	34⅝	23⅞
Thursday	26⅞	34⅝	23⅝
Friday	26⅞	34⅝	23⅞

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Dr. H.R. Cox Receives Theobald Smith Award

Dr. Herald R. Cox, principal bacteriologist of the United States Public Health Service, stationed at the Rocky Mountain laboratory, Hamilton, Montana, has been unanimously nominated by the Theobald Smith Award Committee to receive the 1940 award in medical science, for his outstanding research in the rickettsial diseases, resulting in the development of a new technique for the preparation of protective vaccines against Rocky Mountain spotted fever and typhus fever.

The Theobald Smith Award was established in 1935 by Eli Lilly & Co., Indianapolis, to be bestowed upon an investigator under thrty-five years of age for "demonstrated research in the field of the medical sciences, taking into consideration independence of thought and originality." The award consists of a bronze medal and a pecuniary consideration of $1,000.

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Producers' Guide to New Markets Technical Information for Processors

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Seven-hundred-thirty-first Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

4-Beta-diethylamino-ethoxy-7:8-benzo-quinolin

Pharmaceutical

Claimed (Brit. 481874) as—
Colorless product useful in destroying blood parasites (malaria), amebae, and worm infections

Chloroacetyl Chloride

Chemical

Intermediate in making—
Chloroacetophenone
Other synthetic organic chemicals

Diocenolpyridinium Phosphite

Lubricant

Starting point (Brit. 457548) in making—
High-pressure lubricants, die-making lubricants, and boring, drilling, cutting and wire-drawing oils by solution, dispersion, or emulsification in carriers, such as mineral, vegetable, or animal oils, paraffin, water, graphite, grease, or porous bearing metal

Guanidin Nitrate

(Nitrate de Guanidine, Nitrate Guanidinique, Nitrate de Uree Iminique, Salpetersauresiminoharnstoff)

Chemical

Reactant in—
Organic syntheses
Reactant in making—
5:5-Diphenoxyethylbarbituric acid (U.S. 1217446)
5-Ethyl-5-phenoxyethylbarbituric acid (U.S. 1217447)
Photographic chemicals

Disinfectant

Starting point (U.S. 2106513) in making—
Bactericides having selective action against bacteria with unusual stability in the presence of organic matter

Explosives

Ingredient (U.S. 1409963; French 530271) of—
Explosives
Starting point (U.S. 1409963) in making—
Nitroguanidin

1-Laurylpiperidine

Insecticide

Toxic agent (Brit. 503490 and 503507) in—
Insecticidal preparations

Methylmethoxyphthalyl Glycollate

Adhesives

Plasticizer (U.S. 2072739) in—
Adhesive compositions containing cellulose derivatives and resins

Ceramic

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coating for protection and decorating ceramic products

Chemical

Plasticizer (U.S. 2072739) for—
Cellulose derivatives
Resins

Cosmetic

Plasticizer (U.S. 2072739) in—
Nail enamels and lacquers containing cellulose derivatives and resins as base material

Electrical

Plasticizer (U.S. 2072739) in—
Insulating compositions, containing cellulose derivatives and resins, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Leather

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (U.S. 2072739) in—
Coating compositions, containing cellulose derivatives and resins, used for protecting and decorating articles of various sorts

Paint, Varnish, and Lacquer

Plasticizer (U.S. 2072739) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose derivatives and resins

Paper

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of coated papers and as coatings for decorating and protecting articles made of paper or pulp

Photographic

Plasticizer (U.S. 2072739) in making—
Films from cellulose derivatives

Plastics

Plasticizer (U.S. 2072739) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose derivatives and resins

Resins

Plasticizer (U.S. 2072739) in making—
Artificial resins from or containing cellulose derivatives

Rubber

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used in the manufacture of coated fabrics

Wood

Plasticizer (U.S. 2072739) in—
Compositions, containing cellulose derivatives and resins, used as protective and decorative coatings on woodwork

Nickel Hydroxide

(Hidrato de Niquel, Hydrasiertanickel, Hydrate de Nickel, Hydrate Nickelique, Hydroxyde de Nickel, Hydroxyde Nickelique, Idrato di Nickello, Nickel Hydrate, Nickelhydrat, Nickelhydroxyd)

Cellulose Products

Process material (U.S. 1279200) in making—
Alkali cellulose

Chemical

Catalyst in making—
Acetylene products (U.S. 1421743)
Phenols from halogenated hydrocarbons (U.S. 1961834)
Process material (U.S. 1279200) in making—
Alkali cellulose
Starting point in making—
Catalysts (U.S. 1143339, 1143343, 1156068, 1156674, 1159480, 1165956, 1167915, 1168404, 1174245, 1182995, 1185075, 1208833, 1232830, 1236446, 1247927, 1266782, 1268692, 1271013, 1275405, 1282297, 1299004, 1320039, 1329322, 1335161, 1378336, 1381969, 1426517, 1426629, 1470552, 1482740, 1497815, 1519088, 1520305, and 1961834)
Catalysts for specialized processes, such as—
Dehalogenizinig organic compounds
Destructive hydrogenation
Hydrogenation processes
Reduction processes
Catalysts used in making—
Acetaldehyde (U.S. 1400203)
Ammonia (U.S. 1273772)
Nickel formate (U.S. 1296496, 1378337, and 1390686)
Nickel oleate (U.S. 1378337)

Electrical

Ingredient of—
Battery electrodes (U.S. 1134093, 1167484, 1167485, 1198426, 1275232, 1371746, 1390629, 1402751, 1416738, 1488480, and 1488481)
Battery electrolytes (U.S. 1388656 and 1434469)

Fats and Oils

Catalyst in—
Hydrogenation processes
Catalyst (special) (U.S. 1247516 and 1275405 and others; Brit. 406963) in—
Hydrogenation processes
Remover (U.S. 1247516) of—
Catalyst poisons for fish oils
Starting point in making—
Catalysts used in the hydrogenation of—
Animal oils
Fats
Fish oils
Oxidized oils
Polymerized oils
Unsaturated oils
Vegetable oils
Hydrogenation catalysts (special) (U.S. 1156068, 1159480, 1174245, 1282297, and 1470552)

Lubricant

Catalyst (U.S. 1350814) in making—
Lubricating oil
Catalyst (Brit. 406963) in—
Hydrogenating hydrocarbon oils

Metallurgical

Ingredient (U.S. 1371414, 1513119, and 1513120) of—
Nickelplating solutions

Soap

Starting point in making—
Catalysts used in the hydrogenation of—
Animal oils
Fats
Fish oils
Vegetable oils

Oleyl-1-sulphuric Acid, Normal, Ester

(Additional uses — supplementary to information in the book, Uses and Applications of Chemicals and Related Materials—see bottom of this page)

Miscellaneous

Claimed (Brit. 503235) as—
Washing agent stable to hard water
Ingredient (Brit. 503235) of—
Washing preparations for natural or artificial cellulose materials consisting of water-soluble aluminates and washing agents stable to hard water

Phthalic-Acid-4-Sulphonamide

Dye

Starting point (Brit. 464126, 464673, 476243, and 496663) in making—
Phthalocyanin dyestuffs of bluish to greenish-blue shades by heating with copper salts in the presence of urea, molybdates, vanadates, phosphates, boric acid, or tertiary amines

Potassium Heptylate

Chemical

Reagent (Brit. 304118) in making—
Ketonic acid esters with the aid of allyl, amyl, butyl, heptyl, hexyl, propyl, and other alkyl esters of the following acids—

Acetic	Metanilic
Anthranilic	Mucic
Benzoic	Naphthionic
Butyric	Oxalic
Camphoric	Palmitic
Capric	Phenylacetic
Caproic	Phthalic
Caprylic	Picramic
Chloracetic	Picric
Cinnamic	Propionic
Ctiric	Pyrogallic
Cresylic	Salicylic
Gallic	Succinic
Lactic	Sulphanilic
Maleic	Tartaric
Malic	Trichloroacetic
Melonic	Valeric

Propyl Paraoxybenzoate

(Additional uses — supplementary to information in the book, Uses and Applications of Chemicals and Related materials—see bottom of this page)

Miscellaneous

Preventive of—
Fermenation Mold

Tetrahexylthiuram Monosulphide

Rubber

Accelerator and improver (Brit. 499935) in—
Vulcanizing process (without trouble from prevulcanization)

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Drug Law Changes Proposed for Adoption

—Continued from page 5

veterinarians licensed by law to administer or apply such drug or device;

(2) Adequate directions for the use of such drug or device are available to such physicians, dentists, or veterinarians in scientific publications or otherwise;

(3) The label of such drug or device bears the statement, "Caution:—To be used only by or on the prescription of a ————", the blank to be filled in by the word, "Physician," "Dentist," or "Veterinarian," or any combination of two or all of such words, as the case may be;

(4) No representation appears in the labeling of such drug or device with respect to the conditions for which it is to be used; and

(5) In the case of a drug which is not designated solely by a name recognized in an official compendium and which is fabricated from two or more ingredients, its label also bears the quantity or proportion of each active ingredient.

Such exemption shall remain valid until all of such shipment or delivery is used by physicians, dentists, or veterinarians licensed by law to administer or apply such drug or device, or is dispensed upon, and under labels bearing the directions for use specified in, prescriptions of such physicians, dentists, or veterinarians. But is such shipment or delivery, or any part thereof, is otherwise disposed of as a drug or device, such exemption shall thereupon expire. The causing by any person of such an exemption so to expire shall be considered to be an act of misbranding for which such person shall be liable unless, prior to such disposition, such drug or device is relabeled to comply with clause (1) of section 502 (f) of the act.

Other Directions Exemptions

(c) A shipment or other delivery of a drug or device shall also be exempt from compliance with the requirements of clause (1) of section 502 (f) of the act:—

(1) With respect to directions for common uses, adequate directions for which are known by the ordinary individual; or

(2) If the label of such drug or device bears the statement "For manufacturing use only," and the labeling thereof contains no representation or suggestion with respect to the effect of such drug or device, and if such shipment or delivery is made for use exclusively in the manufacture of another drug or device.

But an exemption under (2) of this paragraph shall expire if such shipment or delivery, or any part thereof, is otherwise disposed of as a drug or device. The causing by any person of such an exemption so to expire shall be considered to be an act of misbranding for which such person shall be liable unless, prior to such disposition, such drug or device is relabeled to comply with clause (1) of section 502 (f) of the act.

New Drug Applications

The regulation promulgated under section 505 (b) of the Federal food, drug, and cosmetic act, as published in the *Federal Register* of December 28, 1938 (3 F.R. 3168), is hereby amended to read as follows:—

§ 2.110 (a) Each application submitted for filing with the administrator shall be in duplicate. If any part of the application is in a foreign language, an accurate and complete English translation shall be appended to such part.

(b) An application, only one copy of which is submitted, or which on its face is incomplete in that it does not contain all the matter required by clauses (1), (2), (3), (4), and (6) of section 505 (b) of the act, shall not be accepted for filing. The Food and Drug Administration shall notify the applicant of such nonacceptance and the reason therefor and, in case of incompleteness, shall specify the clauses in respect of which such application is on its face incomplete. Otherwise the date on which an application is received by the agency shall be considered to be the date on which such application is filed, and the Food and Drug Administration shall notify the applicant of such date. If the applicant withdraws his application, such application shall be considered as not having been filed.

(c) The applicant may file an amendment to an application which has been filed and is pending before the administrator, but in such case the unamended application shall be considered as not having been filed and the amended application shall be considered as having been filed on the date on which the amendment is received by the agency. The Food and Drug Administration shall notify the applicant of such date.

New Drugs for Investigation

The regulation promulgated under section 505 (i) of the Federal food, drug, and cosmetic act, as published in the *Federal Register* of December 28, 1938 (3 F.R. 3168), is hereby amended to read as follows:—

§ 2.111 (a) A shipment or other delivery of a new drug shall be exempt from the operation of section 505 (a) of the act if all of the following requirements are complied with:—

(1) The label of such drug shall bear the statement "Caution:—This is a new drug and is to be used solely for investigational purposes."

(2) Such shipment or delivery shall be made only to, and solely for investigational use by or under the direction of, an expert qualified by scientific training and experience to investigate the safety of such drug.

(3) The person who introduced such shipment or delivery into interstate commerce shall keep complete records showing the date and quantity of each such shipment and delivery.

(4) Such person, prior to making such shipment or delivery, shall obtain a statement signed by such expert showing that he has adequate facilities for the investigation to be conducted by him, and that such drug will be used solely by him or under his direction for the investigation, unless and until an application becomes effective with respect to such drug under section 505 of the act. Such person shall keep such statement.

(5) Such person shall make all documents referred to in (3) and (4) of this paragraph available for inspection upon the request of any officer or employee of the agency at any reasonable hour until three years after the introduction of such shipment or delivery into interstate commerce.

(b) An exemption of a shipment or other delivery of a new drug under paragraph (a) of this regulation shall become void ad initio if:—

(1) The person who introduced such shipment or delivery into interstate commerce fails to keep any document required to be kept by such paragraph; or

(2) Such person fails to make any such document available for inspection, as required by such paragraph.

(c) An exemption of a shipment or other delivery of a new drug under paragraph (a) of this regulation shall expire upon the use of any part of such shipment or delivery other than in accordance with the signed statement referred to in (4) of such paragraph.

Quinine Barred From Hair Tonic Names

—Continued from page 5

It is our purpose to immediately begin a program of regulatory actions designed to prevent the use of the term, "quinine," on preparations which have been known as hair tonics. This is because many such preparations contain no quinine, but also because there is no scientific evidence of which we are aware that quinine in such preparations adds in any manner to the effectiveness of the articles. It is also our view that the term, "tonic," as applied to such mixtures is a false and misleading claim, because the articles to which the word is applied do not in fact produce a tonic effect either upon the hair or the scalp.

New Orleans Adopts New Sales and Use Tax Ordinance

City of New Orleans adopted a new sales and use tax ordinance January 1. The tax is imposed at the rate of 2 percent of the sales price of retail sales; 2 percent of the cost price of the use, consumption, distribution or storage for use or consumption; and 2 percent of the gross proceeds of leases and rentals. Except for the increase in the rate of tax from 1 to 2 percent, the ordinance (No. 15201) makes no substantial changes from the old ordinance (No. 14751), which expired December 31.

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Botanical Drugs, Spices, and Gums

Some Important Botanicals Ease on Gain in Spot Offerings —Many Items Reasonable and in Normal Supply —Position of Scarce Items May Improve

Moderate price reductions in some fairly important botanical drugs served to make the first week of the year somewhat noteable. Items affected had reached heights at which substantial strain had developed and in some ways it was not surprising to find some offerings of Hungarian chamomile, valerian root, lavender flowers, dandelion root, ergot, and red squill root coming on the market at prices moderately to substantially lower than had been quoted on those entities.

Not that there was any important increase in available supplies; items of European origin cannot be landed here in quantity and regularly. It is possible that some goods had been held in reserve and that such merchandise had at last been put on the market. Extremely high cost of many items had all but killed sustained buyer-interest and in offering some goods not heretofore thrust forward, the holders made more attractive prices serve as a stimulus to the slumbering interest of many manufacturing consumers.

High prices on some materials may becloud the actual situation in many others. High prices do not prevail in the entire crude drug line. Many important drugs are in normal supply and are available at normal prices.

It is true that there is a group of materials that are extremely scarce but there is an even larger group that is in excellent availability at fair prices. Many that are scarce may ultimately reappear on this market from new sources of supply and arrival of such merchandise is likely to bring easier prices.

Balsams

Copaiba.—Demand jobbing. Market steady.

Fir.—Firmer import cost on Canadian item. Oregon balsam inactive but steady.

Barks

Cinchona.—Broken, U.S.P. lower as stocks gain. Market, 20c. to 21c. per pound.

Orange Peel. — Range narrower on sweet peel. Market 11c. to 12c. per pound. Bitter, unchanged.

Sassafras. — Select pieces priced more favorably for buyers. Market 19c. to 20c. per pound. Best season of year at hand.

Soap.—Crushed bark lowered to 16c. and 17c. per pound. Quiet market.

Beans

St. Ignatius. — Dull, steady market and prices.

Vanilla.—Strictly nominal market. Stocks far under normal. Replacements cannot be fetched from primary markets. Sellers make no offerings. Reserve stocks for regular customers and place consumers on rations to stretch limited holdings.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1941, and the detention of these items by the Food and Drug Administration because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	...	...
Belladonna	...	...
Caraway	...	...
Cardamom (cases)	...	26
Celery	...	26
Coriander	...	250
Cumin	...	952
Digitalis leaves (cases)	...	...
Dill	...	2,232
Fennel	...	268
Henbane leaves (bales)	...	...
Mustard	...	180
Poppy	...	...
Sage leaves (bales)	...	...
Sesame	...	531
Stramonium	...	...
Thyme	...	...

Price Changes

Advanced

Hawthorn berries, 5c. per lb.
Larkspur seed, 30c. per lb.
Lobelia herb, 1c. per lb.
Rosemary leaves, 2c. per lb.
Savory, 75c. per lb.
Senega root, 3c. per lb.
St. John's bread edible, 3c. per lb.

Reduced

Cassia, Batavia, shortstick, ¼c. per lb.
China, buds, ½c. per lb.
rolls, selected, ¼c. per lb.
rolls, extra select, broken, ¼c. per lb.
Saigon, all thin, ½c. per lb.
Celery seed, Indian, ¼c. per lb.
Cinchona, broken USP red, 1c. per lb.
yellow, 1c. per lb.
Chamomile, Hungarian, 50c. per lb.
Cassia fistula, 1c. per lb.
Damiana leaves, 1c. per lb.
Dandelion root, 5c. per lb.
Ergot, 5c. per lb.
Ginger root, African, ½c. per lb.
Grains of Paradise, 2c. per lb.
Ipecac root, whole, 5c. per lb.
powdered, 5c. per lb.
Kola nuts, 1c. per lb.
Lavender flowers, 5c. per lb.
Marjoram, Chilean, 1c. per lb.
Mustard seed, Calif. brown, ¼c. per lb.
Dutch yellow, 6c. per lb.
Montana yellow, ½c. per lb.
Pepper, white, Java Muntok, ½c. per lb.
red, chillies, Japanese, ½c. per lb.
Pimento, 1c. per lb.
Poppy flowers, red, 5c. per lb.
Rhubarb root, whole, 2c. per lb.
powdered, 2c. per lb.
Squill root, red, 5c. per lb.
Sage, Greek, stemless, 5c. per lb.
Sassafras bark, select, 1c. per lb.
Soapbark, crushed, 1c. per lb.
Valerian root, 10c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
224.4	229.5	227.9	186.6

Market news that may have developed after this report was sent to press will be found on page 4.

Berries

Hawthorn. — Reported higher at 35c. to 40c. per pound on small stocks and gaining demand.

Juniper.—Adverse reports received concerning much of material collected from domestic sources. Foreign goods about extinct.

Flowers

Chamomile. — Hungarian on spot shaded to $1 to $1.25 per pound but future of supplies is no brighter.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Association Meetings:—

Amer. Spice Trade Ass'n, May 12-14 (Tentative), New York.

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✓ BENZOIN GUM
✓ BUCHU LEAVES
✓ CALAMUS ROOT
✓ CUDBEAR
✓ CINCHONA BARK
✓ DAMIANA Select
✓ DIGITALIS (116% Active)
✓ DOGGRASS CUT
✓ ERGOT (140% Active)
✓ EUPHORBIA PIL.
✓ FENNEL SEED
✓ GALANGAL ROOT
✓ GINGER
✓ GUAIAC GUM Glassy
✓ HAWTHORNE BERRIES
✓ HOREHOUND
✓ IPECAC ROOT
✓ IRISH MOSS
✓ KOLA NUTS
✓ MYRRH GUM
✓ OLIBANUM GUM
✓ ORANGE PEEL
✓ ORRIS ROOT
✓ PAPAIN
✓ PEPPERMINT
✓ PSYLLIUM SEED
✓ QUASSIA
✓ QUINCE SEED
✓ RHUBARB ROOT
✓ SANDALWOOD
✓ SARSAPARILLA
✓ SENEGA ROOT
✓ SENNA LEAVES
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Lavender.—Down some. Select, 65c. and 70c. per pound; medium, 55c. and 60c.; ordinary, 50c. to 55c. Little pressure to sell.

Linden. — Flowers without leaves strictly nominal. Last sales reported at 50c. With leaves, 45c. to 50c. per pound. In light supply.

Poppy.—Red down to 70c. to 75c. per pound under competition.

Saffron. — Spanish flowers turn slightly firmer. No price improvement.

Gums

Arabic.—Needs being met fairly easy. British success in Near East improves export possibilities from Sudan. Price steady.

Benzoin. — No shortage. Fair reserves sufficient for current takings.

Guaiac.—Adequate supplies filling moderate demand current.

Sandarac. — Some excellent quality gum still available on spot. Price holding well.

Tragacanth. — Outlook favors increase in stocks if projected shipments arrive. Understood already afloat. Some expect easier situation.

Herbs and Leaves

Damiana. — Lowered to 16c. to 17c. per pound under inactive demand and a gain in competition.

Lobelia.—Firmer at slight rise to 20c. to 21c. per pound.

Marjoram. — Chilean down to 11c. to 11½c. per pound. Others unchanged.

Rosemary.—Advanced and sold at 11c. to 12c. per pound.

Sage.—Sfemless Greek down again to 65c. to 70c. per pound.

Savory.—Almost unobtainable following sales at $1.50 per pound.

Wormwood.—Quoted $1 to $1.10 per pound. Some believed available.

Miscellaneous

Cassia Fistula.—Competition brings price down to 15c. to 16c. per pound.

Ergot.—Down to $1.65 to $1.70 per pound. Possible less with order in hand. Stocks obtainable from Portugal.

Grains of Paradise.—Offered firm and spot at 44c. to 45c. per pound. Competition shades former prices.

Kola Nuts.—Offered spot at 8c. to 9c. per pound, being down slightly under competition.

St. John's Bread.—Edible higher at 15c. to 20c. per pound. Cones from Italy. War stops replacements.

Roots

Dandelion.—One spot dealer parts with a little at 75c. to 80c. per pound.

Ipecac.—Down again. Whole, $1.05 to $1.10 per pound. Powdered, $1.20 to $1.25. Shipments forthcoming from source

Licorice.—Cuttings up to 11c. to 12c. per pound.

Rhubarb.—Decline extended. Whole, 38c. to 40c. per pound. Powdered, 43c. to 45c.

Sarsaparilla.—Honduras shaded to 28c. to 30c. per pound. Mexican maintained at recent advance.

Senega.—Higher at 85c. to 87c. per pound to reflect replacement cost.

Squill.—Some red available at $1.25 to $1.30 per pound, a slight concession.

Valeri- Inactivity brings a few offerings to open market at 85c. to 90c. per pound. Last sales around 95c.

Seeds

Celery.—Indian shaded a fraction to 21¾c. to 22¼c. per pound.

Larkspur.—Higher and very scarce at $1.60 to $1.70 per pound.

Mustard.—California brown shaded to 15¾c. to 16¼c. per pound. Some Dutch yellow at 21c. to 22c. Montana yellow, off to 12c. to 12½c. Substantial preplanting, preharvest business done in domestic crops. Home production to be larger in 1941.

Rape.—Indian seed higher at 7½c. to 8c. per pound. Argentine only other sort available.

Sunflower.—Argentine offerings of poultry grade noted.

Spices

Cassia.—Some prices lower. Batavia shortstick, 12½c. to 13c. per pound; broken, 10½c. to 11c. China buds, 12½c. to 13c.; China selected rolls, 11c. to 11½c.; broken extra select rolls, 9¾c. to 10¼c.

Ginger.—African down to 7¼c. to 7¾c. per pound. Sole change.

Pepper.—Java Muntok white lower at 8⅜c. to 8¾c. per pound. Japanese chillies down to 20½c. to 21c. No other change in routine market.

Trading in black pepper futures on the New York Produce Exchange from January 4 to January 10, inclusive, comprised 117 contracts, a total of 3,931,200 pounds. Following is a price record for the week:—

	Cents per pound—		
	High.	Low.	Close.
January	4.22	4.22	4.22 sale
March	4.31	4.25	4.28@4.30
May	4.37	4.31	4.35@4.37
July	4.46	4.37	4.43@4.45
September	4.53	4.46	4.51@4.53
October	4.54	4.48	4.54 sale
December	4.64	4.58	4.61@4.63

Pimento.—Advance checked. Local price reaction to 28c. to 29c. per pound. Future uncertain. Depends on developments in Jamaica.

Essential Oil Ass'n Told of Scientific Work

—Continued from page 5

reported as chairman of the section. Dr. Kunz's report follows:—

As a result of the committee's work, monographs were adopted on the following U.S.P. standards:—

Balsam Peru
Balsam copaiba
Eucalyptol
Gum benzoin
Methyl salicylate
Oil of bitter almonds
Oil of cade
Oil of cassia
Oil of juniper
Oil of mustard
Oil of orange (with special recommendation on the inclusion of standards for Florida orange oil)
Oil of peppermint, redistilled
Oil of pimento
Oil of pine needles
Oil of rosemary
Oil of wormseed, American
Orange flower water
Rose water
Styrax
Vanillin.

In addition to the above studies, a report was made to the U.S.P. committee on revision, discouraging efforts made in behalf of third interests, to include in the U.S.P., in the form of a separate monograph, oil of peppermint, natural. The reasons were advanced that such products as toothpastes not only absorb a large part of the United States crop of oil of peppermint, but that most of the manufacturers of toothpastes prefer natural peppermint to the redistilled, and wherever they use the redistilled, they do so because it is a U.S.P. product.

Your association, however, took the attitude that according to the charter and the definition of the U.S.P., products which go into toothpastes of the volatile oil nature do not have to be U.S.P. As a matter of fact, only products which are dispensed through the pharmacy, either through prescriptions or in the form of proprietary articles should be concerned with the specifications set up by the Pharmacopoeia, so far as we are concerned, from a purely policy point of view. From the chemists' point of view, your association and its scientific section came to the conclusion that oil of peppermint, redistilled, for truly and only medicinal purposes, is the only quality that we could conscientiously recommend, since the natural product is subject to the care of the small, individual distilling farmer.

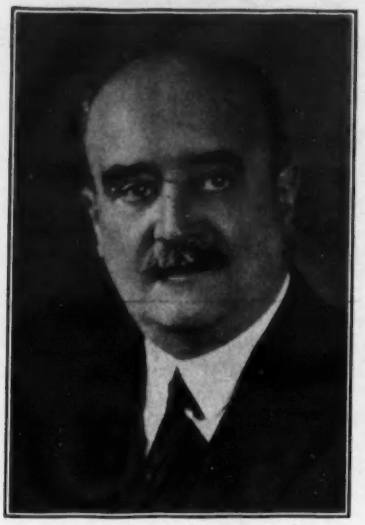
Studies made by our committee on the standards of National Formulary products consisted of recommendations involving the following products:—

Amaranth
Anethol
Birch tar, rectified
Caramel
Coumarin
Ethereal oil
Bitter orange oil
Rose geranium oil
Oleoresins, miscellaneous
Oleoresin of capsicum
Oleoresin of ginger.

These recommendations were of a varying nature, dependent upon the particular product involved, and ranged all the way from a recommendation to change the limits of the melting point, as in the case of coumarin, to a recommendation not to include a monograph in the N. F., as in the case of rose geranium oil.

The association in the near future is preparing to release these recommendations in the form of a book of standards of the essential oil industry.

As a result of the scarcity of many floral oils, prices have been on the upgrade, even though every effort has been made to keep them within reason, Charles Fischbeck, of Ungerer & Co., said in his address as president of the association. Out of the large number of oils consumed in this country, few are produced here. But due to the present hostilities abroad,



Edward V. Killeen

it seems logical that our aromatic chemical industry should take on added importance, he said. Mr. Fischbeck further said:—

During the past year our meetings have been well-attended. With the chaotic world-wide situation, many subjects were discussed which were of great value to the membership, such as possible means of transportation, financing and relaxing of governmental control. Your managing director has contacted both the British Embassy and the French authorities in the hope of obtaining some relief from the problems caused by blockades, etc., which affect our membership.

Trademark Clearing House

Plans have been instituted to set up a clearing house for the registration of trademark names, so that any member could check with the offices of the association to ascertain whether the name they contemplated using for a product or group of products would conflict with that already in use. Many of our members have already forwarded their coined names of specialties to the managing director but I would like to ask at this time that the entire membership cooperate in order that this added function and service to members will result in the greatest degree of efficiency.

Mr. Killeen was honored as the founder of the association. Mr. Killeen told how on March 29, 1927, approximately thirty representatives of essential oil houses gathered in the New York Drug & Chemical Club and formed the Essential Oil Dealers' Association, at which time the following were elected:—President, F. T. Dodge; vice-president, Fred Ungerer, and secretary-treasurer, A. D. Armstrong. The board of directors, Mr. Killeen recounted, consisted of U. H. Rowse, Morano, Inc.; C. A. Fitzsimmons, Orbis Products Co.; P. C. Magnus, Magnus Mabee & Reynard; and himself.

The first annual meeting of the association was held in 1928 when Mr. Killeen was elected president. P. R. Dreyer served as president in 1929 and A. L. VanAmerigen from 1930 through 1931. The name Essential Oil Association of United States was not adopted until the 1932 meeting.

Officers Re-Elected

In the annual election of officers, the association re-elected its entire official family. Those re-elected were:—

President, Charles J. Fischbeck, of Ungerer & Co.; vice-president, V. H. Fischer, of the Dodge & Olcott Company; and secretary-treasurer, Robert B. Magnus, of Magnus, Mabee & Reynard.

Executive Committee:—J. H. Montgomery, of Fritzsche Brothers; H. C. Ryland, of H. C. Ryland, Inc.; E. V. Killeen, of George Lueders & Co.; Dr. E. C. Kunz, of Givaudan-Delawanna, Inc.; and William Schilling, jr., of the Norda Essential Oil & Chemical Company.

McCambridge Co. to Locate Main Office in Baltimore

McCambridge & McCambridge Company, pharmaceutical manufacturer, has acquired a building at Eagle and Smallwood streets, Baltimore. The company plans to concentrate its manufacturing activities in Baltimore. The company's principal office has been in Washington and carried on manufacturing operations in Philadelphia.

Despatch Oven Company, Minneapolis, Minn., has appointed Gerald B. Duff, 68 Clinton avenue, Newark, N. J., as its exclusive sales engineer in the Newark-New York territory.

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Essential Oils, Aromatic Chemicals

Essential Oils and Aromatic Chemicals Movement Have Moderate Gains—Peppermint Higher—Geranium Scarce to Extinction Point—Citrous Oil Needs Met—Floral Oils Scarce

Beyond the emphasis of strength that was added to market undertones in general, developments in the market for essential oils and aromatic chemicals were not specially important during the past week. The fact that spot reserves of most materials, and of essential oils in particular, were low and not susceptible to ready and reasonable increase was more than sufficient reason to keep market undertones gaining strength steadily and to account for the ready maintenance of practically all quotations.

Demand for compounds showed continued improvement. Inability to secure shipments of natural materials from many primary markets has caused dealers to undertake, with increasing success, the development and sale of articles to supplant those either totally missing on spot or available only at prices prohibitive to manufacturing consumers to whom cost of raw material is almost as important as raw materials themselves. The gain of sales of compounds is expected to show a large and spirited gain in 1941.

Throughout the period under review, the market showed strength of marked character and conditions generally prevailing have reduced competition in the sale of natural products to very low limits. The gains in sales of aromatic chemicals continued to bring added strength to the entire price structure for such materials.

Price Changes

Advanced

Peppermint, natural, 15c. per lb. redistilled, 15c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
166.3	165.0	161.5	94.5

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Firm. Moderate demand. Moderate stocks.

Amber. — Firm at late advance. Limited spot demand.

Amyris.—Small stock believed sufficient to meet all needs.

Anise.—Prices well maintained. Demand moderate.

Apricot. — No weakness. Normal stocks lacking. Raw material imports curtailed by war conditions. Fair demand.

Bay.—Apparently sufficient stocks, here and primary market. Moderate demand at moment.

Bergamot.—Activity mainly in artificial and similar items. Strong position. Limited quantities natural oil available.

Birch Tar.—Firm at recent advance. Stocks not increasing. Transport slow and uncertain from primary market.

Cajeput.—Irregular demand. Firm prices. Moderate stocks.

Camphor.—Steady to firm. Replacements uncertain. Stocks small.

Cananga.—Late advance maintained in strong market. Little call.

Caraway.—Finetoothed comb might find a little. Nominal market.

Cassia.—Fair movement at full market prices.

Cedarleaf.—Steady. Moving in jobbing quantities.

Cedarwood. — Advance maintained. Fair demand. No selling pressure.

Citronella.—Steady to firm. In fair request. Replacement cost maintained.

Clove.—Better and steadier spot demand. Firm prices.

Coriander. — Moderate stocks in strong hands. Advance holds.

Croton.—No shading of recent advance. Moderate call.

Cubeb.—Firm under non-expanding demand. Steady situation.

Cumin.—No general stock distribution. Prices sensitive.

Erigeron.—All needs believed provided for by dealers' stocks.

Eucalyptus.—Still firm and moving in seasonal quantities.

Fennel.—Sellers reserved. Some lack stocks. Tendency upward.

Geranium.—Practically unobtainable for replacement in French islands. Turkish item showing budding strength.

Grapefruit.—Some talk of advance. Primary market fails to notify of rise. Normal trading.

Grapeseed.—Large stock imported goods not moving even at very low price. Domestic undersold by 30c. per pound.

Ginger.—Raw material showing fair stability. Firm prices.

Juniper.—Berry oil very scarce. Limited quantity, domestic-distilled, available around $9 per pound; being sold by dealers. Oil differs from European product.

Juniper Tar.—Firm. Mainly because of uncertainties transport primary market to spot.

Laurel.—About to disappear from spot stocks. Not likely to be replaced.

Lavandin.—Out of market so far as known.

Lavender.—Limited quantities have come in, but every pound has been spoken for. Nominal market.

Lemon.—Domestic producers meeting consumer demand in fine spirit and in surprising quantity. Prices kept low and stable.

Lemongrass.—Still steady. Moderate call.

Lime.—May go higher despite absence of normal shipments from primary market to other than the United States.

Linaloe. — Firm. Normal interest shown.

Lovage.—Infinitesimal quantity available around $85 per pound.

Mace.—Steady but not very active.

Nutmeg.—Prices hold. Supporting demand light.

Orange.—Steady. Needs fully met. No shortage of good quality oil.

Palmarosa. — Strengthening. Tendency upward. Moderate reserves.

Peppermint.—Higher. Natural, $3 to $3.25 per pound. Redistilled, $3.25 to $3.50. Natural advance in keeping with recent primary market strength.

Petitgrain.—Higher prices still obtained. Very firm. Sellers show some reserve.

Pimento.—Primary market raw material rise checked. Oil strong here. Fair demand adds to local strength.

Rose.—Buying done early in war provided good spot reserve. No more can be obtained from source cut off by war. Synthetic equivalent shows increasing activity.

Rosemary.—Firm. Replacement uncertain. Certain to be irregular and slow at best.

Sage.—Absence normal supply sageaccept bids. Moderate call.

leaves raises interest in oil. Very firm with tendency to gain strength.

Sandalwood.—Sufficient stock available to meet normal needs. Replacement of stocks likely to lag.

Sassafras.—Firming steadily. More inquiry. Sales up some.

Spearmint.—Firm at late advance. Normal activity.

Tansy.—Steadier. Less tendency to

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Boston Chicago Philadelphia St. Louis Los Angeles
Plant and Laboratories: Bayonne, N. J.

Ti Tree.—Demand light and irregular. Transport slow from source.

Wormseed.—Low prices rule on oil low in iscaradol. Under $3 per pound quoted.

Aromatic Chemicals

Diethyl Phthalate.—More activity brings gain in firmness.

Diphenyl Methane. — Trade up slightly without affecting prices.

Diphenyl Oxide.—Inquiry up with some rise in jobbing sales.

Ethyl Cinnamate.—Market brighter under better jobbing call.

Ethyl Phenylacetate. — Demand mainly hand-to-mouth. Firm.

Ethyl Vanillin.—Likely to gain importance under vanilla bean shortage.

Eucalyptol.—Quiet. Prompt needs promptly met. Steady.

Eugenol.—Reflects firm position raw material.

Geranyl Acetate.—Movement to consumers rising along jobbing lines. Prices show stability.

Geranyl Formate.—Needs met out of conservative spot stock.

Geranyl Propionate.—Narrow market still holds steady.

Hyacynth Geraniol.—Demand hand-to-mouth. Routine stability.

Hydroxycitronellal.—Volume maintained at late levels.

Isoborneol.—Not too much supply and declared nominal.

Isobutyl Acetate.—Slightly more activity but not much more.

Isobutyl Benzoate. — All prompt needs met. Prices firm.

Isoeugenol.—Steady. Little competition.

Isosafrol.—Moderate stocks in very firm hands.

Linalool.—More activity. Larger quantities moving.

Linalyl Acetate.—Active to point of prices straining upward. Sellers reserved. Inclined to quote subject to confirmation.

Methyl Salicylate.—Normal activity. Undertones very steady.

Methyl Acetophenone.—Jobbing lots moved at full market prices.

Methyl Anthranilate.—Irregular call for prompt needs. Steady.

Methyl Benzoate.—Steady to steadier under improved inquiry.

Methyl Cinnamate.—Firm. Moderate demand. Deliveries prompt.

Methylhexyl Ketone.—Rather slow call. Mainly jobbing.

Methylnaphthyl Ketone. — Limited gain in sales slightly in excess of recent jobbing volume.

Paracresyl Acetate.—Volume up to recent levels. Steady prices.

Phenylacetaldehyde. — Movement swells moderately. Firmer prices.

Phenylethyl Acetate.—Narrow market. Steady prices. Firm undertones.

Phenylethylphenyl Acetate.—Strictly steady, routine market.

Safrol.—Stocks low. Prices firm to strong.

Stroly Acetate. — Firmer. More movement. Less competition.

Terpinyl Acetate.—Call irregular. Mainly jobbing. Price firm.

Terpineol.—Stocks lower than imagined by some. Firmer prices.

Vanillin. — Scarcity vanilla beans tends to raise interest. Stocks plentiful. Industry's capacity for expansion good. Prices low and favorable.

Yara Yara.—Firm but lacking activity.

Standard Synthetics to Move To Larger Quarters Jan. 20

Standard Synthetics, Inc., distiller of essential oils and manufacturers of aromatics, will move to larger quarters at 119 West Twenty-fifth street, this city, January 20. Moving to the new location has been necessitated by increased manufacturing activities in addition to its huge stock of natural essential oils, aromatic chemicals, natural and imitation flavors, perfume bases, and other domestic and imported products.

Standard Synthetics also maintains branches in Kansas city, Philadelphia and Boston, as well as representatives in Chicago, St. Paul and Detroit. It also serves as agency for its affiliate, Standard Synthetics, Ltd., of London, England.

French Guiana Wants Drugs

The French Governor at Cayenne wishes to purchase serums, antitoxins, various pharmaceutical chemicals, drug and surgical sundries. He asked that catalogs and other information be sent air mail direct to the French Governor, Cayenne, French Guiana.

A.S.T.M. Issues New Index

The American Society for Testing Materials has issued a new index to its standards and tentative standards. Included among the association materials indexed are specifications, methods of testing, recommended practices, definitions of terms, and charts and tables. Information concerning the new volume may be obtained by addressing the offices of the association at 260 South Broad street, Philadelphia, Pa.

Cosmetic Output Had Moderate Gain in 1939

The value of products of manufacturers of perfumes, cosmetics, and other toilet preparations in 1939 was placed at $147,465,585, according to the Census of Manufactures. In 1937 the value was $132,336,481. In 1939 there were 539 establishments, compared with 478 in 1937. Products by kind and value follow:—

	1939.	1937.
Perfumes	$8,625,790	$8,480,274
Toilet waters	7,739,446	4,115,019
Creams other than shaving creams	19,389,472	17,597,261
Rouges:—		
Lipsticks and lip rouge	6,086,050	4,417,957
Other rouges	2,256,923	2,519,650
Dentifrices	28,410,015	33,559,134
Depilatories	423,345	407,771
Shampoos:—		
Containing soap	4,578,207	3,556,419
Containing no soap	1,192,802	1,982,305
Face powders	15,398,273	11,286,997
Talcum powders	7,326,639	6,041,117
Other toilet powders	2,424,098	3,112,244
Face lotions*	7,636,110	7,331,471
Hair dyes	1,713,557	1,900,533
Hair tonics	4,937,469	5,035,521
Hair dressings	6,914,590	6,301,622
Deodorants for human use	5,630,993	3,502,726
Bath salts	1,177,207	951,809
Manicure preparations	4,651,592	5,160,127
Shaving cream, containing no soap†	4,186,962	1,854,219
Other toilet preparations	13,756,346	11,410,137

* Figures include data for considerable amounts of hand lotions.

† Shaving cream with soap base is classified as a product of the "Soap" industry. The total production of shaving cream, including that containing soap, in 1939 and 1937 was valued at $10,419,260 and $9,629,485, respectively.

American Magnesium Corporation, Niagara Falls, has filed a certificate in the office of the Secretary of State increasing its capital from $1,000,000 to $5,000,000.

SEC Completes Survey Of Soap Companies

The Securities and Exchange Commission today made public the twenty-third of a series of supplements to the industry reports of the Survey of American Listed Corporations. The supplements cover financial operations for fiscal years ending between July 1, 1939, and June 30, 1940.

Supplement No. 23 contains reports on nine corporations whose business is primarily the manufacture of toilet preparations and soap. All of these corporations had securities registered under the securities exchange act of 1934 at June 30, 1939. Two corporations, Colgate-Palmolive-Peet Company and the Procter & Gamble Company, accounted for over 85 percent of the assets and volume of business reported by this group for 1939.

The companies covered in supplement No. 23 are:—American Products Company, Bourjois, Inc., Bristol-Myers Company, Colgate-Palmolive-Peet Company, Coty, Inc. (New), Coty International Corporation, Lehn & Fink Products Corporation, The Procter & Gamble Company, Helena Rubinstein, Inc., Vadsco Sales Corporation.

The combined volume of business for the eight enterprises for which comparable figures were available amounted to $342,000,000 in each of the fiscal years ended on or about December 31, 1938, and 1939.

A combined operating profit of $52,000,000 or 15.3 percent of sales, was reported by all eight enterprises for the fiscal year ended on or about December 31, 1939, compared with an operating profit of $47,000,000, or 13.8 percent of sales, in 1938.

Copies of this supplement is available by request to the publications unit of the Securities and Exchange Commission, Washington, D. C.

Crown Drug Company, Kansas City, December sales amounted to $912,143, compared with $906,538 in December last year.

E. Hugh Long, general sales director for Sharp & Dohme, Inc., pharmaceutical manufacturer, Philadelphia, has been elected a vice-president.

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Petroleum Products

Petroleum Specialties in Better Call — Demand for Aromatic Naphthas Heavy — No. 40 Grade Unavailable — Crude Scale Paraffins Lower—White Mineral Oils Weak

The market for petroleum specialties showed signs of increased activity last week, following slackness at year-end. Noticeably improved was the demand for various types of solvents and diluents. Inquiries were more numerous for both spot and future delivery. The No. 40 aromatic naphtha was not being offered in the East. Other aromatic naphthas were in heavy demand and material for spot delivery was unavailable.

Lighter fractions remained in strong call, on the whole. Demand for butane and propane exceeded available supply and prices on both products were reported strong. Slackness in the market for crude scale paraffin caused a fractional reduction during the week. The 124-26 grade remained scarce. Call for petrolatums and white mineral oils was not insistent and the price structure of the latter was regarded as weak. Sole other revision of the week was a small reduction in Pennsylvania neutral oils.

Solvents and Diluents

Aromatic Naphthas. — The current demand in the market is urgent for most types of these naphthas. Offerings were not made too freely and it was reported that the No. 40 material was so scarce as to be virtually unavailable. All prices were steady.

Cleaners' Naphtha. — Consumers were more active during the past week, with fairly large orders placed for near-future delivery. Inquiries were more numerous. Prices were steady and unrevised.

Lacquer Diluent. — Although the spot market was fairly quiet during the period, marketers of this material were looking for an increase in activity within a few weeks. Price was firm and unchanged.

Mineral Spirits. — Spottiness that was noted in the market two weeks ago disappeared during the period under review. Contract shipments were at a good level and some new business appeared. Inquiries were better. Prices were steady and unrevised.

Rubber Solvent.—Akron tire manufacturers were showing little interest in spot offerings but contract shipments were fairly well maintained. Price was steady.

Stoddard Solvent. — The demand from the paint trade was slack during the week, although a pick-up is anticipated at the end of the month. The cleaning trade was ordering well and shipments were better than normal. Price was firm and unrevised.

V. M. & P. Naphtha.—Paint manufacturers are looking forward to much better sales this year, due to the higher construction awards and the improvements expected as a result of the national defense program. This improvement will be reflected in the demand for this paint ingredient, although the market was only routine last week. The price was steady.

Markets at Other Centers

Chicago—Jan. 9

Feeling in the market for solvents and diluents seems to be about steady. Buyers have mostly been preferring to await until the new year developed some trend before placing extensive orders on most products. Some good cleaners' naphtha business is reported.

AROMATIC NAPHTHAS. — Demand fair, prices unchanged.

CLEANERS' NAPHTHA.—Market quiet, prices holding.

LACQUER DILUENT.—Buyers cautious, quotations steady.

MINERAL SPIRITS.—Irregular business, market holding.

RUBBER SOLVENT.—Orders limited, prices holding.

STODDARD SOLVENT.—Inquiry good, stable market.

V.M. & P. NAPHTHA.—Fair buying, no change in prices.

Price Changes

Advanced

None

Reduced

Oil, lubricating, neutrals, Pa. refineries, 1c. per gal.
Paraffin, crude scale, c.l., 10 points per lb., basis N.Y.

Market news that may have developed after this report was sent to press will be found on page 4.

New Orleans—Jan. 8

A firm tone continued to be evidenced in the domestic market on cleaning solvent and V.M. & P. naphtha, with quotations remaining unchanged.

CLEANING SOLVENT.—Demand routine; price unchanged.

V.M. & P. NAPHTHA.—Movement slow; no change in price.

Tulsa—Jan. 9

The market for specialties developed a stalemate this week. Manufacturers are not anxious to contract for long periods ahead at current quotations while buyers are seeking their full year's requirements at current prices. The spot market was moderately active, however. On the whole, trading is on a lighter volume than during the past few weeks. Prices are unchanged in all grades despite the strengthening tendencies in Eastern markets.

CLEANERS' NAPHTHA.—More trading, although still light. Prices stable.

STODDARD SOLVENT.—More interest. Quotations steady.

RUBBER SOLVENTS. — Manufacturers active in seeking long term deliveries. Prices firm.

V. M. & P. NAPHTHA.—Trading light. Prices steady.

LACQUER DILUENT.—Better demand. Prices firm.

Lighter Fractions

Butane. — The tightness that had prevailed in the several previous weeks grew more pronounced during the period under review. Demand exceeded offerings and possibly exceeded available supply. Consumers were encountering difficulty in obtaining supplies for prompt shipment. Price was steady to strong.

Heptane.—A pick-up in buying interest was reported as more inquiries appeared on the market. Shipments remained fairly light. Prices were steady and unchanged.

Hexane. — Interest in the market was less conservative and there was a broadening of new business. Sales during the week were not in large volume but were more of less regular. Price was firm.

Octanes. — This mixture continued to mark time, with consumers showing little inclination to buy at the present time. Price was steady and unchanged.

Pentanes.—Inquiry was only fair during the week. Shipments remained light. Price was firm and unrevised.

Propane.—Similar to butane, the demand for this product was running ahead of offerings and there was little chance of getting near future shipments. The price was steady to strong.

Markets at Other Centers

Chicago—Jan. 9

Lighter hydrocarbons have been in fairly good call here, but buyers mostly have been cautious and as a result most orders have been of no feature nature. Butane is attracting some market attention. Other materials mostly are quiet and dull.

BUTANE. — Demand fair, prices unchanged.

HEPTANE. — Inquiry fair, quotations holding.

HEXANE.—Offerings normal. No price change.

OCTANES.—Moderate buying. Market steady.

PENTANES. — Movement holding up well, prices holding unchanged.

PROPANE. — Demand rather good, prices steady.

Petrolatums and Waxes

Paraffin.—The sluggish demand for crude scale paraffin finally forced the price down last week. Fractional reduction was made. Prominent producers were offering the material at 2.75c. to 2.80c. per pound in carload lots. The market remained quiet after the revision. There were still reports of price-shading. The 124-26 crude scale was reported scarce. Refined grades were in fairly good demand, with shipments normal. Prices were steady and unchanged.

Petrolatums.—The market for these products remained quiet but firm during the period under review. Buying continued on a hand-to-mouth basis.

White Mineral Oils.—Interest in offerings remained small. Movement of stocks was sluggish. Price structure was reported weak.

Markets at Other Centers

Chicago—Jan. 9

Quiet continues to prevail in the petrolatums and waxes. Price cut reports were again current but indications are that normal schedules are being observed to about the same extent as for some time. Market feeling seems good.

PARAFFIN.—Steady demand. Market quiet.

PETROLATUMS. — Sources report interest, at unchanged prices.

WHITE MINERAL OILS.—Buying slow. Prices unchanged.

Tulsa—Jan. 9

Interest in paraffins and petrolatums is still lagging except in the premium grades manufactured on buyer's specifications. The lack of export business is affecting waxes, while petrolatum business is strictly routine. However, there is an undertone of strength in these markets which permits refiners to refuse concessions being requested by buyers.

PARAFFIN. — Trading light. Prices firm.

PETROLATUMS. — Routine demand. Quotations steady.

Fuels and Lubricants

Gasoline.—Market quiet. Prices firm.

Kerosene.—Demand good. Prices steady to strong.

Lubricating Oils. — Pennsylvania neutrals, 25 pour test, eased 1c. per gallon to 19c. for the 150 viscosity and to 21c. for the 200 viscosity.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Association Meetings:—

Compressed Gas Mfers, Jan. 20-21, New York.
N. Y. Oil Trades Ass'n, Jan. 21, New York.
Liq. Pet. Gas Ass'n, Feb. 24-25, Chicago.
Nat. Pet. Ass'n, April 25-26, Cleveland.

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Markets at Other Centers

Chicago—Jan. 9

Fuels and lubricants are spotty and irregular. Gasoline demand is restricted but firm. Kerosene is strong. Lubricants are in fair call.

GASOLINE.—Tone steadier, prices unchanged.

KEROSENE. — Feeling firmer, prices unchanged.

LUBRICATING OILS.—Movement fair, prices firm.

New Orleans—Jan. 9

The domestic market on gasoline moved along routine lines during the week, while interest in kerosene continued normal.

GASOLINE.—Demand routine; no price change.

KEROSENE.—Market slow, unchanged price.

Tulsa—Jan. 9

Gasoline jobbers are ordering steadily but in lesser amounts. The market is holding well. Burning kerosene is very strong. There are more inquiries for Midcontinent lubricants.

GASOLINE. — Trading off. Prices steady.

KEROSENE.—Demand insistent. Prices strong.

LUBRICANTS. — Better inquiries for bright stocks and cylinder oils. Prices firm.

A. L. Weil has retired as president of the General Petroleum Corporation of California, Los Angeles. S. J. Dickey, vice-president in charge of manufacture, will succeed him.

Shell Union Plans to Call $34,096,200 Preferred

Shell Union Oil Company proposes to call its entire outstanding issue of $34,096,200 of $100-par 5½ percent cumulative preferred stock at 105 and accrued dividends. The $85,000,000 of 2½ percent fifteen-year debentures will not be disturbed.

The company will utilize $10,000,000 in cash from its treasury toward redeeming the preferred stock, and the balance will be obtained from a public offering of $10,000,000 of one to twelve-year serial notes and $15,000,000 of twenty-year sinking fund debentures.

Texas Oil Proration Upheld by High Court

—Continued from page 4

right to pass on regulatory methods adopted by a State body, and declared that relief should be sought only in the State courts. The high court said such powers are plainly outside its knowledge.

The court definitely upheld the principle of a minimum daily production of twenty barrels, around which most of the controversy raged. Justice Frankgurter said that the minimum allowance was justified because it accelerated the rate of production of the densely-drilled areas on the edges of the field most subject to losses from the migration oil.

Fertilizer Materials Consumption Analyzed

The statistical department of the Synthetic Nitrogen Products Corporation, this city, has compiled a report on the consumption and disposition of all fertilizer materials in the United States during the 1939-1940 fertilizer year. An abstract from the report follows:—

Materials.	Total used (short tons).	Total used in commercial mixtures (short tons).	Total applied directly (short tons).*
Sulphate of ammonia	513,000	355,000	158,000
Nitrate of soda	748,000	100,000	648,000
Ammonia liquor from by-product plants	35,000	35,000	.....
Urea-ammonia liquor, ammonium nitrate solutions, synthetic anhydrous ammonia and synthetic ammonia liquor	85,000	82,000	†3,000
Cyanamid	138,000	55,000	83,000
Cal-Nitro, calcium nitrate, uramon, ureor, calsiureor and calurea	88,000	60,000	28,000
Chemically combined complete fertilizers imported as such	2,000	2,000	.....
Ammonium phosphates	67,000	40,000	27,000
Nitrate of potash and nitrate of soda-potash	46,000	25,000	21,000
Cottonseed meal	135,000	50,000	85,000
Other natural organics, including tobacco stems and peat	660,000	500,000	160,000
Bulk superphosphate	3,355,000	2,590,000	‡765,000
Bones, bone meal, bone black and precipitated bone phosphate	92,000	32,000	60,000
Basic slag	35,000	.....	35,000
Ground phosphate rock	140,000	50,000	90,000
Sulphuric acid (for acidulating certain organics)	5,000	5,000	.....
Potash materials, except nitrate of potash	770,000	660,000	110,000
Dolomite and limestone	350,000	350,000	.....
Magnesium containing materials other than calnitro and sulphate of potash-magnesia	5,000	5,000	.....
Wood, beet root and cotton hull ashes	9,000	4,000	5,000
Other secondary plantfood materials	7,000	2,000	5,000
Filler	548,000	548,000	.....
Totals	7,833,000	5,550,000	2,283,000

* Includes material used in home-made mixtures, but does not include liming materials and gypsum.

† Synthetic anhydrous ammonia only.

‡ Excludes triple superphosphate produced by the Tennessee Valley Authority and superphosphate bought by the Agricultural Adjustment Administration from private industry and given to farmers in place of soil conservation payments.

Fertilizer Materials

Market Pace Stepped Up as Manufacturers Begin Operations —Some Southern Mixers Already Shipping—Many Organics Advanced—Ammonia Sulphate for Export in Urgent Call

The market for raw fertilizer materials began to take on a more active appearance last week, with spot demand noticeably improved and shipments larger in volume. Fertilizer manufacturers in all sections of the country were in operation and were calling for supplies. Mixers in the South were already shipping out the finished product to consumers. This tended to strengthen the market at all primary points.

First to be affected by the improved tone were various organic nitrogenates. Advances were made on dried blood and fertilizer and feed tankage at New York. In Chicago the prices on blood, hoofmeal and feed tankage were hiked. California fish meal was higher and cottonseed meal was increased at Southeastern mills. The Carrollville, Wis., price of nitrogenous material was advanced.

Movement of chemicals, with the exception of sulphate of ammonia, remained more or less routine, although the market gave no ground. It was reported that there were very few offerings of sulphate for domestic consumption. The export call remained very urgent, with the quoted price at about the same high level as in preceding weeks.

A bill placing import taxes on several products from which fish and animal oils are extracted was given to the house last week by Representative Schuyler Bland of Virginia (H.R. 23). An import tax of one-half cent per pound is placed on the following products: Fish scrap, fish meal, marine animal scrap, and marine animal meal.

Nitrogenates

Ammonia Phosphate.—Fair interest. Offerings limited. Price steady.

Cyanamid.—Few offerings reported. Demand slightly better. Price firm and unchanged.

Dried Blood. — Firmer. Advanced 10c. per unit at New York to level of $2.50. Chicago price of high-grade ground material increased 15c. per unit to $2.65. Imported firm and unchanged.

Fish Scrap.—Menhaden scrap purely nominal, with no offerings reported. Japanese sardine meal unavailable.

Nitrate of Soda.—Movement slightly better. Contracting sluggish. Price steady.

Nitrogenous Material. — The price f.o.b. Carrollville, Wis., was reported at $2 per unit-ton last week. This was 25c. per unit higher than the previous quotation. Price was steady and unchanged at other Midwestern points and the East.

Sulphate of Ammonia.—No domestic spot sales were recorded, material being very scarce. There was an urgent export demand, with the asking price around $40 per ton.

Tankage.—Firmer and in better demand. Fertilizer grade advanced 15c. per unit at New York to $2.50 and 10c. Chicago price steady and unchanged at same level. Feeding grades advanced 15c. at New York and 25c. at Chicago to $2.50 and 10c. and $2.75 and 10c. per unit, respectively.

Potashes

The market remained quiet and routine, with only a small pick-up in interest manifested. Most of the supplies have already been shipped to the mixers and business from now until June will be devoted to replacement material. Prices were firm and unchanged.

Price Changes

Advanced

Blood, dried, dom., 10c. per unit, f.o.b. N. Y.
15c. per unit, f.o.b. Chi.
Cottonseed meal, 8%, 50c. per ton, Southeast mills.
Fish meal, Calif., $1 per ton.
Hoofmeal, 17-18%, bulk, 20c. per unit, f.o.b. Chi.
Nitrogenous material, 10%, 25c. per unit, f.o.b. Carrollville, Wis.
Tankage, fertilizer, 15c. per unit, f.o.b. N. Y.
feeding, 15c. per unit, f.o.b. N. Y.
25c. per unit, f.o.b. Chi.

Reduced

None.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
68.0	68.0	67.3	67.0

Market news that may have developed after this report was sent to press will be found on page 4.

Phosphates

Bone Materials.—Demand for both fertilizer and feed grades was much better during the period under review. Although there were no price revisions reported, the general market was much firmer.

Phosphate Rock. — Fair call reported. Price structure well maintained at previous level.

Superphosphate.—Fairly good call. Offerings normal. November production totaled 345,352 tons, compared with 371,818 in the corresponding month of 1939, a decline of 7 percent. November shipments were 176,928 tons, compared with 166,230 in November, 1939.

Sulphur and Pyrites

The announcement of a prominent crude sulphur supplier that present price would be maintained gave firmness to the market last week. Shipments did not pick-up noticeably, although the market was characterized as firm.

Markets at Other Centers

Atlanta—Jan. 8

Advances in prices of some of the organic nitrogens are reported, including blood, nitrogenous and cottonseed meal. Sulphate of ammonia remains unchanged.

SUPERPHOSPHATE—55c. per unit, interior producing points.

NITRATE OF SODA—Bulk, $27 per ton, ports.

COTTONSEED MEAL—8 percent grade, $30 to $31.50 per ton, Southeast.

BLOOD—S. Am., $2.45 per unit, ex-vessel; Chicago, $2.50.

TANKAGE—S. Am., $2.75 and 10c. per unit, Chicago.

NITROGENOUS—$2.00 per unit, Midwestern producing points.

Baltimore—Jan. 8

Somewhat more momentum is manifesting itself in the market for crude fertilizer materials, though it cannot be called active. Current quotations are still close to the figures named for some time prior to the new year.

FISH SCRAP—Stocks are light and the demand is held down.

TANKAGE—Domestic material is quoted at $2.50 and 10c. per unit-ton.

DRIED BLOOD—This ammoniate is being taken up at a slightly higher price than has prevailed, with the tone of the market better during the last few days at $2.50 per unit-ton for domestic supplies. South American stocks are held at $2.45 per unit-ton c.i.f.

SUPERPHOSPHATE — Anticipations that this product would command advances from the last months have so far failed of realization, and the demand continues cautious.

SULPHATE OF AMMONIA—The export market seems firmly established now at about $40 per ton.

Chicago—Jan. 8

The market for most grades of fertilizer materials seems steadier. Prices are not greatly changed but tone is improved. Inquiry has been better on some grades of bone materials. Blood is quiet. Tankage is in fair call.

BLOOD—Principal grade, $2.65 per unit of ammonia.

TANKAGE—High grade, feeding, $2.75 and 10c.; hoofmeal, $2.70 to $2.80; liquid stick, $1.25 to $1.50.

BONE MATERIALS—Ground, steamed bone, 1¼ and 60 percent, $34 to $35; 3 and 50 percent, $30 to $33; 4½ and 50 percent, $30 to $33; grinding hoofs, pigs' toes and waste horn materials, $34 to $35; cattle jaws, skulls and knuckles, $30 to $35; beef cracklings, soft pressed, $30 to $32.50; pork cracklings, soft pressed, $32.50 to $35; hard pressed cracklings, per unit of protein, 55c. to 57½c.

San Francisco—Jan. 8

Additional strength was registered in the organic products division of the crude fertilizer materials market last week. Demand for blood, various grades of feeding and fertilizer tankage and fish meal either advanced prices or lent a better tone to the situation in general.

SULPHATE OF AMMONIA—Nominal. Few offerings. Quoted at $38 per ton in 100-pound bags, delivered inland points.

SUPERPHOSPHATE — Domestic, 80c. per unit in bulk, f.o.b. San Francisco. Bags, 91c.

NITRATE OF SODA—100-pound bags, $29.40 per ton and 167-pound bags, $28.70 per ton, both ex-vessel or warehouse. Bulk lots at $27.

FISH MEAL—Market advanced $1 per ton last week; 67 percent protein meal at $48 per ton, f.o.b. San Francisco and 65 percent protein at $46, f.o.b. Monterey.

TANKAGE—Better interest. Market strong. Unground fertilizer grade, wet rendered, $2.65 and 10c. per unit-ton, f.o.b. plant, Northern California. Dry rendered, ground, 50 percent, $35 to $36 per ton, f.o.b. cars, South San Francisco. Unground, dry rendered, 57½c. to 60c. per unit of protein, f.o.b. cars, South San Francisco. South American, February-March shipment, dry rendered, ground, 50 percent, $35.50, ex-dock; unground, 65 percent, 67½c. per unit.

BLOOD—Firm. At $2.75 per unit, f.o.b. cars, Northern California; $2.90, Los Angeles.

Joseph Mullen Made Head Of Jefferson Lake Sulph.

New Orleans, Jan. 6, 1941

Joseph A. Mullen, president of the Southern Acid & Sulphur Company, St. Louis, and for four years a director of the Jefferson Lake Sulphur Company, Inc., this city, has been named president of the latter concern. He replaces A. A. Mayer.

Diuretic Medicines Face F.D.A. Curb

—Continued from page 5

frank if we did not inform you that at the present time the administration has under investigation the entire field of diuretic drugs and that the information so far collected indicates that the effect of the pills in question, when taken as directed, would depend largely upon the "large glass of water" directed to be taken with the pills.

Aside from the actual effect of the drugs entering into the composition of this article, we know of no disease condition which the layman can himself diagnose and for which he can intelligently prescribe, for which a diuretic would constitute adequate or appropriate treatment.

If the article in question is marketed under the proposed label, the distributor should be informed that it is not improbable that action under the food, drug, and cosmetic act involving it may be taken in the near or more remote future as the information being collected may justify.

Hugh F. Thomas, formerly director of sales of the canned meat division of the Tobin Packing Company, has been named sales manager of Stewart & Ross Corporation, manufacturer of Corvet ABDG vitamin capsules.

★ Domestic MADE IN U.S.A.
THE BARRETT COMPANY
40 RECTOR ST., NEW YORK
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR

CRUDE SULPHUR
99½% PURE
Free From
ARSENIC, SELENIUM AND TELLURIUM
TEXAS GULF SULPHUR COMPANY
(INCORPORATED)
75 East 45th St., New York City
Deposits and Plants: Newgulf and Long Point, Texas

Fertilizer Tag Sales: November

	P.C. of	Equivalent tons December			P.C. of	Equivalent tons January-December		
	1939.	1940.	1939.	1938.	1939.	1940.	1939.	1938.
Virginia	114	9,466	8,312	7,487	94	393,069	418,089	405,179
N. Carolina	107	50,616	47,101	57,318	89	1,076,730	1,215,887	1,104,788
S. Carolina	106	16,285	15,340	17,513	101	685,310	678,859	680,963
Georgia	174	19,358	11,153	24,916	111	762,725	689,790	768,323
Florida	77	60,756	78,677	78,264	102	568,671	556,782	555,475
Alabama	46	3,850	8,450	2,600	102	575,900	562,100	528,850
Mississippi	152	12,750	8,365	18,950	100	319,508	318,761	325,836
Tennessee	..	950	0	42	113	147,311	130,354	128,291
Arkansas	228	2,050	900	2,300	136	101,000	74,122	67,800
Louisiana	93	4,450	4,800	4,000	98	156,775	160,488	148,542
Texas	33	1,415	4,244	3,790	124	118,199	95,226	84,270
Oklahoma	117	700	600	0	97	7,363	7,622	8,005
Total South	97	182,646	187,942	217,180	100	4,912,561	4,908,080	4,786,328
Indiana	54	213	625	244	115	302,750	263,145	255,297
Illinois	50	375	750	1,061	119	51,748	43,456	43,278
Kentucky	..	0	0	324	103	123,102	120,009	109,966
Missouri	3	5	177	217	129	87,577	67,733	70,301
Kansas	521	365	70	20	125	17,931	14,366	18,090
Total Midwest	59	958	1,622	1,866	115	583,108	508,709	476,943
Grand total	97	183,604	189,564	219,046	101	5,495,669	5,416,789	5,263,271

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Shipping Information

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Imports at U.S. Ports

New York Imports

AGAR—10 bls, Kachurin Drug Co, Kobe
6 bls, Hara & Co, Kobe
40 bls, T M Duche & Sons, Shanghai
22 bls, Japan

ALOE—100 cs, Wessel, Duval & Co, Aruba
50 cs, Wessel, Duval & Co, Oranjestad
100 cs, F W Berk & Co, Aruba

AMBAR LIQ—4 dms, Eggers & Heinlein, Puerto Cortes

AMMONIA SULPHOCYANIDE — 23 cks, American Cyanamid & Chem Co, Liverpool

ARROWROOT—2,000 bgs, Morningstar-Nicol, St Vincent
400 bbls, Morningstar-Nicol, St Vincent
1,000 bgs, Morningstar-Nicol, St Vincent

ASBESTOS, CRUDE — 1,000 bgs, Comm'l Bank & Trust Co, Durban
1,500 bgs, Comm'l Bank & Trust Co, Durban
5,500 bgs, Comm'l Bank & Trust Co, Capetown
1,067 bgs, W D Crumpton & Co, Beira
1,136 bgs, Asbestos, Ltd, Lourenco Marques

BALSAM — 5 dms, Wessel, Duval & Co, Puerto Barrios
10 dms, Magnus, Mabee & Reynard, Puerto Barrios
10 dms, Magnus, Mabee & Reynard, Cristobal
10 dms, Wessel, Duval & Co, Cristobal
10 dms, Cristobal
30 cs, W R Grace & Co, Cristobal

BARK AND ROOT—47 bgs, Astoria Import & Mfg Co, Mollendo

BAUXITE, CRUDE — 143 bgs, American Cyanamid & Chem Co, Demerara

BEEF LIVER EXTRACT, CONC—18 kegs, Lederle Lab, Havana

BRISTLES—30 cs, N Wagman Co, Japan
25 cs, H Rosenhirsch Co, Japan
25 cs, B F Shapiro, Japan
50 cs, N Wagman Co, Japan
5 cs, H Rosenhirsch Co, Japan
35 cs, H Rosenhirsch Co, Tsingtao
7 cs, F H Cone & Co, Kobe
55 cs, Dairen
26 cs, F W Von Stade, Dairen
14 cs, R Schwartz, Dairen
12 cs, F H Cone & Co, Kobe
6 cs, F W Von Stade, Kobe
28 cs, Misubishi Shoji Kaisha, Tsingtao
11 cs, Bank of New York, Shanghai
14 cs, F H Cone & Co, Kobe
10 cs, Chesnut, Cooper & Co, Kobe
5 cs, F H Cone & Co, Kobe
10 cs, H Rosenhirsch Co, Shanghai
22 cs, Lindsay Trading Corp, Shanghai
13 cs, H Rosenhirsch Co, Hongkong

BUCHU LEAVES—10 bls, S B Penick & Co, Capetown
10 bls, S B Penick & Co, Capetown

CAMPHOR, REFD—50 cs, Kobe
100 cs, Bank of Nova Scotia, Kobe

CARDAMOM—26 cs, P H Petry & Co, Livingston

CASSIA—50 bls, J S Toledano & J H Pinto, Hongkong
100 bls, J S Toledano & J H Pinto, Hongkong
15 bls, Wood & Selick, Hongkong
50 bls, J S Toledano & J H Pinto, Hongkong
100 bls, I R Boody & Co, Hongkong
200 bls, A G Dunn, Manila
168 bls, A G Dunn, Manila
ROLLS—200 bls, A G Dunn, Hongkong
100 bls, A G Dunn, Hongkong

CASTOR BEANS—315 bgs, Port Prince

CELERY SEED—26 bgs, A G Dunn, Karachi

CHEMICALS—45 cs, Hoffmann, La Roche Co, Lisbon
18 cs, J E Bernard & Co, Lisbon
2 dms, 2 bbls, Draeger Shipping Co, Lisbon

CHILLIES—300 bgs, A G Dunn, Kobe
47 bgs, Twentsche Overzeehandel, Mombasa
27 bgs, Brazilian Warrent Co, Dar Es Salaam
100 bgs, A G Dunn, Japan
112 bgs, B H Old & Co, Kobe
110 bgs, A G Dunn, Kobe
100 bgs, F S Ehrlich, Kobe
300 bgs, A G Dunn, Kobe

CHROME ORE—5,000 tons, E J Lavino & Co, Beira

CINCHONA BARK—389 bls, New York Quinine & Chem Works, D E Indies

CINNAMON, BARK—105 bgs, E P Henning, Mombasa
QUILLS—200 bls, Catz American Co, Colombo

CLOVES—250 bls, Dodge & Olcott Co, Zanzibar
750 bls, Greene Trading Co, Zanzibar
800 bls, Geo Uhe Co, Zanzibar
900 bls, Greene Trading Co, Zanzibar
600 bls, Geo Uhe Co, Zanzibar
200 bls, Greene Trading Co, Zanzibar
700 bls, Geo Uhe Co, Zanzibar

COALTAR INTERMEDIATES — 72 dms, Wedemann & Godknecht, Lisbon
5 dms, Ciba Co, Lisbon
53 bbls, Wedemann & Godknecht, Lisbon

COCA LEAVES—138 bls, Maywood Chem Works, Salaverry

COCHINEAL—27 bgs, Wessel, Duval & Co, Mollendo

COCOA BEANS—800 bgs, W R Grace & Co, Trinidad
300 bgs, Middleton & Co, Trinidad
200 bgs, General Cocoa Co, Trinidad
200 bgs, Mayer & Co, Trinidad
750 bgs, Cristobal
36 bgs, Wessel, Duval & Co, Cristobal
100 bgs, Machado & Co, La Guaira
250 bgs, W R Grace & Co, Guayaquil
250 bgs, A Canale, Guayaquil
500 bgs, Guayaquil
500 bgs, A Canale, Guayaquil
500 bgs, Guayaquil
250 bgs, Port Limon
100 bgs, Daarnhonwek & Co, Cristobal
250 bgs, Cristobal
295 bgs, Fruit Despatch Co, Cristobal
64 bgs, Cristobal
167 bgs, Cristobal
250 bgs, A Canale, Cristobal
2,300 bgs, Fruit Despatch Co, Puerto Limon

COCOA BEANS—3,000 bgs, Fruit Despatch Co, Bocas del Taro
155 bgs, Machado & Co, Port Spain
250 bgs, Middleton & Co, Port Spain
250 bgs, Canadian Bank of Com, Port Spain
895 bgs, Machado & Co, Port Spain
109 bgs, Daarnhonwer & Co, La Guaira
20 bgs, S Stern Stiner Co, Maracaibo
300 bgs, Antoni & Co, Campano
530 bgs, Daarnhonwer & Co, La Guaira
250 bgs, Banco de Venezuela, Campano
111 bgs, Daarnhonwer & Co, La Guaira
500 bgs, Campano
500 bgs, Banco de Venezuela, Campano
1,000 bgs, Campano
150 bgs, Banco de Venezuela, Campano
750 bgs, Campano
100 bgs, C A Mackey & Co, Jeremie
167 bgs, Struller & Wood, Jeremie
254 bgs, Jeremie
125 bgs, C A Mackey & Co, Jeremie
779 bgs, Struller & Wood, Jeremie
500 bgs, Curacao
100 bgs, C A Mackey & Co, Jeremie
75 bgs, Struller & Wood, Jeremie
70 bgs, Jeremie
100 bgs, C A Mackey & Co, Jeremie
50 bgs, Struller & Wood, Jeremie
150 bgs, Transmarine Mercantile Corp, Cape Haitien
137 bgs, W & A Leaman, Cape Haitien
250 bgs, Middleton & Co, Trinidad
600 bgs, Middleton & Co, Port Spain
250 bgs, Farr & Co, Port Spain

COCONUT, DESIC—660 cs, Wood & Selick, Manila
465 bgs, Wood & Selick, Manila
459 cs, Balfour, Guthrie & Co, Manila
280 bgs, Balfour, Guthrie & Co, Manila
576 cs, Durkee Famous Food, Manila
593 bgs, Durkee Famous Food, Manila
505 cs, Durkee Famous Food, Manila
81 bgs, Durkee Famous Food, Manila
992 bgs, Durkee Famous Food, Manila
538 cs, General Food Sales Corp, Manila
1,193 pkgs, Philappine Desic Coconut Corp, Manila
620 cs, Philippine Desic Coconut Corp, Manila
866 bgs, General Food Sales Corp, Manila
2,160 bgs, Philippine Desic Coconut Corp, Manila
200 cs, Philippine Desic Coconut Corp, Manila
1,640 pkgs, General Food Sales Corp, Manila
349 cs, Philippine Desic Coconut Corp, Manila
851 pkgs, General Food Sales Corp, Manila
1,000 cs, General Food Sales Corp, Manila

COCONUT, SHELL, CHARCOAL—1,170 bgs, General Food Sales Corp, Manila

COCONUTS—79 bgs, H Schnell & Co, St Lucia
1,000 bgs, Universal Import & Export Co, St Vincent
218 bgs, I L Toledano Corp, Cristobal
1,000 bgs, General Food Sales Corp, Kingston

COPAIBA BALSAM—12 cs, E Meer & Co, Vera Cruz

CORIANDER SEED—250 bgs, Sokol & Co, Bombay

CORK WOOD—45 bls, F Marti & Co, Seville

COTTONSEED MEAL — 2,205 bgs, Atlas Traders, Ltd, Port Prince
564 bgs, Wessel, Duval & Co, Port Prince

CUMIN SEED—85 bgs, O Gerdan Co, Karachi
170 bgs, A G Dunn, Karachi
444 bgs, Toledano & Pinto, Bombay
253 bgs, Sokol & Co, Bombay

DERRIS ROOT—45 bls, Greene Trading Co, Tanga
204 bls, Mitsui & Co, Cebu
290 bls, Ledward, Bibby & Co, Pulupandan
CHIPS—100 cs, Tandjong, Priok
83 cs, W M Allison & Co, Semarang

DILLSEED—86 bgs, Levy & Levis Co, Bombay
172 bgs, R J Spitz & Co, Bombay
172 bgs, I Grob & Co, Bombay
267 bgs, Kachurin Drug Co, Bombay
400 bgs, Becker, Mayer & Co, Bombay
200 bgs, North West Agric Export Import Co, Bombay
267 bgs, B H Old & Co, Bombay
178 bgs, A G Dunn, Bombay
89 bgs, Jewett & Sherman, Bombay
133 bgs, C Turison, Bombay
177 bgs, I Harrison & Whitney, Bombay
91 bgs, W Loewy, Bombay

DIVI DIVI—1,575 bgs, Curacao Trading Co, Curacao
670 bgs, National City Bank, Curacao
800 bgs, Wessel, Duval & Co, Colombia

DRAGON'S BLOOD—10 cs, E Miltenberg, Singapore

DYES, ANILIN—39 dms, 1 cs, Ciba Co, Lisbon
20 bbls, Geigy Co, Lisbon
8 dms, Ciba Co, Lisbon
16 bbls, Geigy Co, Lisbon
24 dms, Ciba Co, Lisbon
2 dms, J E Bernard & Co, Lisbon
29 dms, Atlantic Shipping Agency, Lisbon
18 bbls, Draeger Shipping Co, Lisbon
40 dms, Atlantic Shipping Agency, Lisbon

FENNEL, SEED—168 bgs, Kachurin Drug Co, Bombay
100 bgs, Sokol & Co, Bombay

GAMBIER—350 bgs, American Cyanamid & Chem Co, Singapore
210 bgs, E E Androvette, Straits Settlements

GLUE—60 bgs, New York Match Co, Llinahamari
40 bgs, New York Match Co, Llinhamari

BONE SHEET—200 bgs, American Specialty Co, Sao Paulo

GLYCERIN—204 dms, Corn Exchange Bank Trust Co, Buenos Aires

GUM, CHICLE—124 bls, Chicle Development Co, Kingston

COPAL—50 bgs, Manufacturers Trust Co, Manila
152 bgs, Stroock & Wittenberg, Manila
178 bgs, Stroock & Wittenberg, Manila
67 bgs, W H Scheel, Manila
110 bgs, France, Campbell & Darling, Manila
66 bgs, O G Innes Corp, Manila
58 baskets, Chase National Bank, Tala
184 baskets, Manufacturers Trust Co, Ambon

GUM, COPAL—297 baskets, Chase National Bank, Macassar
190 bgs, Chase National Bank, Macassar
121 baskets, O G Innes Corp, Macassar
412 baskets, Manufacturers Trust Co, Macassar
190 bgs, Chase National Bank, Macassar
145 baskets, Chase National Bank, Macassar
204 baskets, O G Innes Corp, Macassar
174 bgs, Manufacturers Trust Co, Macassar
129 baskets, O G Innes Corp, Macassar
201 baskets, O G Innes Corp, Macassar

DAMMAR—210 bgs, France, Campbell & Darling, Singapore
50 cs, O G Innes Corp, Singapore
25 cs, G W S Patterson & Co, Singapore
70 bgs, G W S Patterson & Co, Singapore
210 bgs, G W S Patterson & Co, Singapore
210 bgs, Gillespie Rogers Pyatt Co, Singapore
100 cs, Gillespie Rogers Pyatt Co, Batavia
100 cs, W H Scheel, Batavia
200 cs, American Cyanamid & Chem Co, Batavia
210 bgs, G W S Patterson & Co, Singapore
300 cs, Manufacturers Trust Co, Batavia
100 cs, Chase National Bank, Batavia
138 bgs, Stroock & Wittenberg, Padang
100 cs, Padang
09 bgs, Stroock & Wittenberg, Padang
300 bgs, Chase National Bank, Batavia
150 cs, Padang
250 bgs, Thurston & Braidich, D E Indies
366 cs, Thurston & Braidich, D E Indies

ELEMI—132 cs, O G Innes Corp, Manila

KARAYA—28 bgs, Merad Aminoff, Bombay

NESPERA—22 bgs, Chicle Development Co, Cristobal
17 bgs, Kramer & Klaussmar, Cristobal

PENDARE—112 bls, Chicle Development Co, Ciudad Bolivar
54 bls, Chicle Development Co, Ciudad Bolivar

PERILLA—38 bls, Chicle Development Co, Cristobal

HENNA LEAVES—137 bls, S B Penick & Co, Karachi
70 cs, J L Hopkins & Co, Bombay
140 bls, S B Penick & Co, Karacha
68 cs, S B Penick & Co, Bombay

INDIGO—105 cs, Ciba Co, Lisbon
400 dms, Atlantic Shipping Agency Lisbon

IPECAC ROOT—31 bgs, N Brandon Co, Pt Limon
13 bgs, Murbas Trading Co, Pt Limon
13 bgs, Wessel, Duval & Co, Cristobal
13 bgs, Murbas Trading Co, Cristobal

IRISH MOSS—140 bls, England
20 bls, England

JALAP ROOT—17 bgs, Vera Cruz
17 bgs, F W Berk & Co, Vera Cruz
17 bgs, Vera Cruz

KAMALA, POWD—40 bgs, R J Prentiss & Co, Karachi
60 bgs, S B Penick & Co, Karachi

KOLA NUTS—50 bgs, D Steengrafe, Kingston

LEAD, CONC—417 bgs, Wedemann & Godknecht, Beira
408 bgs, Wedemann & Godknecht, Beira

LIME JUICE—5 cks, Dalton Cooper, Roseau

LOGWOOD—25 tons, W & A Leaman, Kingston

MACE—25 cs, Catz American Co, Macassar
40 cs, Chase National Bank, Macassar

MANGROVE BARK—85 bgs, E Miltenberg, Zanzibar
2,903 bgs, Chase National Bank, Kilwa Kisiwani

MEDICINAL PREPS—24 cs, Alfredo Ravard & Co, Vera Cruz

MEDICINES—25 cs, Peek & Velsor, Osaka
90 cs, 40 bskts, 2 bgs, Wing Hing Ho, Hongkong

MENTHOL—10 cs, Siber Hegner, Shanghai
45 cs, Consumers Import Co, Shanghai
50 cs, Bengue, Inc, Shanghai
20 cs, Consumers Import Co, Shanghai

METAL DUST—1 dm, Republic Metal Co, Curacao

MICA BLOCK—60 cs, Mercantile Import & Export Co, Calcutta
CONDENSER—5 cs, E J Cornelis, Calcutta
CUT—19 cs, E Munsell & Co, Calcutta
FILM—43 cs, E Munsell & Co, Calcutta
SPLITTINGS—500 cs, General Electric Co, Calcutta
198 cs, E J Cornelis, Calcutta
466 cs, Mica Insulator Co, Calcutta

MUSTARD SEED—87 bgs, Anglo American Colonial Co, Bombay

MYROBALANS—3,200 bgs, Tannin Corp, Colombo
1,000 pockets, Tannin Corp, Colombo

NUTMEGS—150 bgs, Thomas Scott & Co, Grenada
150 bgs, Frank Tea & Spice Co, Grenada
100 bgs, A G Dunn, Grenada
150 bgs, Mincing Trading Corp, Grenada
50 bgs, Van Norden & Archibald, Grenada
100 bgs, Middleton & Co, Grenada
61 bgs, J Henry Schroeder Banking Corp, Banda

OCHER, YELLOW—200 bgs, Guaranty Trust Co, Capetown

OIL, ANISE—10 dms, Magnus, Mabee & Reynard, Hongkong
2 cs, Marine Midland Trust Co, Hongkong

BAY—20 cs, Roseau

BLUE FIN TUNA LIVER—4 dms, Japan

CAMPHOR—5 dms, W J Bush & Co, Kobe
5 dms, A Verley, Yokohama
25 dms, Ungerer & Co, Yokohama
20 dms, Dodge & Olcott Co, Hongkong
5 dms, Dodge & Olcott Co, Hongkong
10 dms, The Aries Co, Hongkong
50 dms, Dodge & Olcott Co, Hongkong
19 dms, Wilbur Elias & Co, Hongkong

CANANGA—3 dms, Stein, Hall & Co, D E Indies
1 dm, Ungerer & Co, D E Indies

CITRONELLA—4 dms, Magnus, Mabee & Reynard, Colombo
10 dms, Givaudau & Delawanna, Batavia
10 dms, A Muschmeyer, Batavia
20 dms, J Barlage Co, Batavia
224 cs, Guaranty Trust Co, Batavia
32 cs, Batavia
5 dms, H P Winter & Co, D E Indies
16 dms, Stein, Hall & Co, D E Indies
4 dms, Stein, Hall & Co, D E Indies
10 dms, Givaudau, Delawanns, D E Indies
40 dms, Colgate-Palmolive-Peet Co, D E Indies

OIL, COCONUT—840 tons, Manila
622 tons, Wecoline Prod Co, Cebu Quantity, Manila

COD—52 cks, Canada

CODLIVER—150 dms, Vitamerican Oil Co, Kobe
60 dms, Japan

CRUDE—10 dms, F C Seely Texas Co, ——
5 cs, Asiatic Petroleum Corp, Maracaibo

ESSENTIAL—31 dms, H E Sothern, Puerto Barrios
21 cs, Vera Cruz
22 dms, H E Sothern, Puerto Barrios

EUCALYPTUS—4 dms, Hudson Shipping Co, Yokohama

FISH LIVER—55 dms, Atlantic Coast Fisheries Corp, Kobe

LEMONGRASS — 15 dms, Volkart Bros, Cochin

LIME DIST—8 cs, Roseau
37 cs, Roseau
13 cs, Roseau
8 cs, Roseau
16 cs, Norda Essential Oil & Chem Co, Trinidad
12 cs, C L Huisking & Co, Demerara

LINALOE—1 dm, Vera Cruz

MACKEREL LIVER—15 dms, Consumers Import Co, Kobe

PALM — 410 tons, Colgate-Palmolive-Peet Co, Belawan Deli

PALMAROSA—5 pots, J Manheimer, Bombay

PATCHOULI — 1 cs, British & Foreign Marine Insurance Co, Mombasa
3 dms, Bank of Manhattan, Mombasa
9 dms, New York Trust Co, Batavia
4 dms, Stein, Hall & Co, D E Indies
2 dms, Bank of New York, D E Indies
1 dm, Ungerer & Co, D E Indies
3 dms, Dodge & Olcott Co, D E Indies

SANDALWOOD — 5 cs, J Manheimer, Madras

SKIPJACK LIVER—3 dms, Japan

SWORDFISH LIVER—5 dms, Japan

TEASEED—40 dms, Leghorn Trading Co, Shanghai
90 dms, C Gitlan & Co, Shanghai
80 dms, T G Cooper & Co, Shanghai
120 dms, The Aries Co, Manila

VETIVER—4 dms, Stein, Hall & Co, D E Indies
1 dm, Dodge & Olcott Co, D E Indies

YELLOW TUNA LIVER—5 dms, Japan

PAPAIN—13 cs, R J Prentiss & Co, Colombo

PAPRIKA—200 bgs, J B de Macede & Stock, Lisbon
55 bgs, Lisbon

PATCHOULI LEAVES—66 bls, Volkart Bros, Penang
40 bls, F B Ross & Co, Singapore
127 bls, W J Bush & Co, Singapore

PEPPER—31 bbls, J E Distributor, Fort Paix
BLACK—225 bgs, Irving Trust Co, Cheribon
4,215 bgs, Catz American Co, D E Indies
1,500 bgs, McCormick & Co, D E Indies

WHITE—81 bgs, Knickerbocker Mills Co, Muntok

PIMENTO—150 bgs, A G Dunn, Kingston
223 bgs, Kingston
100 bgs, Barclay Bank, Kingston
125 bgs, Kingston
300 bgs, Chase National Bank, Kingston
50 bgs, A G Dunn, Kingston
300 bgs, Barclay Bank, Kingston

POTASH, CAUSTIC—123 cs, Bergstrom Trading Co, Llinahamari

CHLORATE—1,000 cs, New York Match Co, Llinahamari

PYRETHRUM FLOWERS—Greene Trading Co, Dar Es Salaam
100 bls, Joosten & Jamssen, Dar Es Salaam
100 bls, Dodge & Olcott Co, Mombasa

QUEBRACHO EXTRACT—1,000 bgs, International Product Corp, Buenos Aires
1,000 bgs, International Product Corp, Buenos Aires

QUICKSILVER—100 flasks, Chase National Bank, Vera Cruz

QUINCE SEED—37 bgs, Kachurin Drug Co, Seville

QUININE SULPHATE—25 cs, R W Greeffe & Co, D E Indies

SAGO FLOUR—800 bgs, W R Grace & Co, Singapore
800 bgs, W R Grace & Co, Singapore

SESAME SEED—200 bgs, E E Marks & Co, Hongkong
168 bgs, S K Adams, Hongkong
160 bgs, O Gerdau Co, Hongkong
56 bgs, Jewett & Sherman, Hongkong
200 bgs, E E Marks & Co, Hongkong
50 bgs, Wah Young Co, Hongkong

SHELLAC—100 bgs, MacLac Co, Calcutta
200 bgs, E J Cornelis, Calcutta
50 bgs, Schwab Bros, Calcutta
200 bgs, Lind Mayer Co, Calcutta
200 bgs, MacLac Co, Calcutta
150 bgs, E E Androvette, Calcutta
500 bgs, Gillespie-Rogers-Pyatt Co, Calcutta
200 bgs, E J Cornelis, Calcutta
100 cs, Gillespie-Rogers-Pyatt Co, Calcutta
100 cs, E J Cornelis, Calcutta
630 bgs, Wm Zinsser & Co, Calcutta
1,253 bgs, A Murst & Co, Calcutta
100 bgs, E Meer & Co, Calcutta
300 bgs, Mantrose Corp, Calcutta
100 bgs, Ralli Bros, Calcutta
200 bgs, Ralli Bros, Calcutta
100 bgs, Lind Mayer Co, Calcutta
200 bgs, E E Androvette, Calcutta
50 cs, MacLac Co, Calcutta
50 cs, Mercantile Import & Export Co, Calcutta

BUTTONLAC—150 bgs, A Hurst & Co, Calcutta

SEEDLAC—600 bgs, Wm Zinsser & Co, Calcutta
250 bgs, MacLac Co, Calcutta
250 bgs, Mantrose Corp, Calcutta
150 bgs, MacLac Co, Calcutta
200 bgs, Dings & Schuster, Calcutta
200 bgs, Wm Zinsser & Co, Calcutta
200 bgs, Gillespie-Rogers-Pyatt Co, Calcutta
200 bgs, MacLac Co, Calcutta
750 bgs, Wm Zinsser & Co, Calcutta
200 bgs, Ralli Bros, Calcutta
300 bgs, Wm Zinsser & Co, Calcutta
100 bgs, MacLac Co, Calcutta
200 bgs, Mantrose Corp, Calcutta

SILVER SULPHIDES—119 bgs, Bank of Manhattan, San Antonio

SOAP BARK—222 bls, W R Grace & Co, San Antonio
135 bls, S B Penick & Co, San Antonio

SODA, CAUSTIC—273 cs, Bergstrom Trading Corp, Llinahamari

SPONGES—68 bls, Havana
7 bls, Havana

STARCH—20 bgs, A Menta, Havana

TALC—234 pkgs, Whittaker, Clark & Daniels, Kobe
2,688 bgs, Whittaker, Clark & Daniels, Chefoo
TANKAGE—722 bgs, H M Rubin Co, Buenos Aires
TAPIOCA FLOUR—500 bgs, H S Cramer & Co, Cheribon
500 bgs, W R Grace & Co, Cheribon
500 bgs, H S Cramer & Co, Cheribon
2,176 bgs, Stein, Hall & Co, Cheribon
500 bgs, Stein, Hall & Co, Cheribon
750 bgs, Cheribon
6 pkgs, Sino Java Hvg, Cheribon
500 bgs, Cheribon
500 bgs, Bank of New York, Batavia
100 bgs, Batavia
1,000 bgs, Chase National Bank, Batavia
500 bgs, Bank of Manhattan, Sourabaya
500 bgs, Bank of New York, Batavia
500 bgs, Bank of New York, Batavia
250 bgs, Bank of New York, Batavia
500 bgs, Cheribon
1,094 bgs, Stein, Hall & Co, Cheribon
500 bgs, Cheribon
438 bgs, Stein, Hall & Co, Sourabaya
750 bgs, Cheribon
250 bgs, Cheribon
250 bgs, American Cyanamid & Chem Co, Cheribon
250 bgs, Cheribon
1,099 bgs, Stein, Hall & Co, D E Indies
500 bgs, American Cyanamid & Chem Co, D E Indies
1,500 bgs, H P Winter & Co, D E Indies
1,090 bgs, Bank of New York, D E Indies
750 bgs, H P Winter & Co, D E Indies
2,940 bgs, Catz American Co, D E Indies
250 bgs, H P Winter & Co, D E Indies
250 bgs, American Cyanamid & Chem Co, D E Indies
5,567 bgs, Stein, Hall & Co, D E Indies
1,450 bgs, Stein, Hall & Co, D E Indies
450 bgs, Bank of New York, D E Indies
255 bgs, A D Weids Sons, D E Indies
1,500 bgs, D E Indies
15,710 bgs, Stein, Hall & Co, D E Indies
1,160 bgs, Stein, Hall & Co, D E Indies
800 bgs, Bank of New York, D E Indies
350 bgs, Stein, Hall & Co, D E Indies
3,350 bgs, Bank of New York, D E Indies
TARA POWD—272 bgs, Tannin Corp, Salaverry
TARTAR—190 bgs, Standard Brands, Lisbon
TEAWASTE—2,000 bgs, Citro Chem Co, Calcutta
TUNGSTEN ORE—100 bgs, Philipp Bros, Capetown
93 bgs, Metal Traders, Callao
TURMERIC—18 bgs, H P Winter & Co, Jacme
VANADIUM ORE—2,798 bgs, Vanadium Corp of America, Callao
VANILLA BEANS—15 cs, British & Foreign Marine Insurance Co, Mombasa
1 cs, E P Henning, Mombasa
17 cs, British Foreign Marine Insurance Co, Mombasa
17 cs, British Foreign Marine Insurance Co, Mombasa
100 cs, Chase National Bank, Vera Cruz
8 cs, Vera Cruz
WAX, BEES—33 bgs, H H Pike & Co, Havana
11 bgs, Hides Trading Co, Havana
70 bgs, H H Pike & Co, Havana
7 cs, F D Keller, Puerto Barrios
CARNAUBA—168 bgs, Strohmeyer & Arpe Co, Bahia
66 bgs, Strohmeyer & Arpe Co, Bahia
222 bgs, Wm Allison & Co, Bahia
VEGETABLE—100 cs, Strohmeyer & Arpe Co, Kobe
150 cs, Mitsubishi Shoji Kaisha, Kanmon
50 cs, American Cyanamid & Chem Co, Kanmon
75 cs, W M Allison & Co, Kanmon
100 cs, Mitsubishi Shoji Kaisha, Kanmon
50 cs, American Cyanamid & Chem Co, Kanmon
40 cs, Innis, Speiden & Co, Kanmon
50 cs, American Cyanamid & Chem Co, Tokio
WINE LEES—511 bgs, Lisbon
388 bgs, Lisbon
283 bgs, Lisbon
185 bgs, Lisbon
WOLFRAM ORE—875 bgs, Chemical Bank Trust Co, Arica
503 bgs, W R Grace & Co, Mollendo
ZADORY ROOT—32 bgs, Peek & Velsor, Bombay
ZINC OXIDE—50 cks, Reichard Coulston, Liverpool
ZIRCON ORE—40 bgs, Santos

New York Transit Imports

COCONUT, DESIC—1,225 cs, United Baker Supply Co, Manila, St Louis
200 cs, Philip Levy, Manila, Bridgeport
FILTER PAPER—35 cs, J E Bernard & Co, Lunahamari, Chicago
PAPAIN—35 cs, American Ferment Co, Tanga, Buffalo
VANILLA BEANS—20 cs, Zunk & Triest, Vera Cruz, Philadelphia
20 cs, Zunk & Triest, Vera Cruz, Philadelphia

Baltimore Imports

BONES—735 bgs, Montevideo
11,314 bgs, Buenos Aires
BONEMEAL—557 bgs, Buenos Aires
1,113 bgs, Buenos Aires
CHROME ORE—4,546 tons, Bethlehem Steel Co, Nuevitas
4,000 tons, Masinloc
3,000 tons, Santa Cruz
COTTONSEED MEAL—3,264 bags, Buenos Aires
105,646 bags, Santos
HERRING MEAL—998 tons, Iceland
IRON ORE—5,700 tons, Bethlehem Steel Co, Daiquiri
MANGANESE ORE—8,250 tons, Vizagapatam
8,270 tons, Vizagapatam
800 tons, Santiago de Cuba
1,500 tons, Calcutta
7,000 tons, Vizagapatam
OIL, FUEL—75,000 bbls, Standard Oil Co N J, Aruba
POTASH KAINIT—218 tons, Saleier, Calcutta
QUEBRACHO EXTRACT — 7,755 bags, Buenos Aires
5,523 bags, Buenos Aires
13,506 bags, Buenos Aires
TANKAGE—6,354 bags, Buenos Aires
2,032 bags, Montevideo
4,021 bags, Buenos Aires
907 bags, Buenos Aires

Boston Imports

CLOVES—50 bls, Geo Uhe Co, Zanzibar
COCONUT, DESIC—250 cs, Dodwell & Co, Manila
GUM, COPAL—70 bskts, Chase National Bank, Macassar
GAMBIER—59 cs, L Littlejohn & Co, Singapore
60 cs, L Littlejohn & Co, Singapore
59 cs, L Littlejohn & Co, Singapore
MACE—28 cs, Catz American Co, Macassar
OIL, COCONUT—515 tons, Philippine Refg Corp, Cebu
637 tons, Philippine Refg Corp, Cebu
998 tons, Philippine Refg Corp Cebu
515 tons, Philippine Refg Corp, Cebu
FISH LIVER—355 dms, Atlantic Coast Fisheries Corp, Yokohama
QUEBRACHO EXTRACT—1,000 bgs, International Product Corp, Buenos Aires
1,000 bgs, International Product Corp, Buenos Aires
TANKAGE—1,814 bgs, Jas F Morse & Co, Buenos Aires
548 bgs, H J Baker & Bros, Buenos Aires
TAPIOCA FLOUR—250 bgs, Rutger, Bleecker & Co, Batavia
750 bgs, Rutger, Bleecker & Co, Cheribon
599 bgs, Stein, Hall & Co, Sourabaya
82 bgs, Stein, Hall & Co, Sourabaya
1,634 bgs, Pasocrean
559 bgs, Stein, Hall & Co, Sourabaya
250 bgs, H P Winter & Co, Cheribon

Los Angeles Imports

AGAR—200 lbs, Kobe
ALUMINUM SILICATE ORE—112,000 lbs, Calcutta
AMMONIA PHOSPHATE—179,200 lbs, Trail
BLOOD, DRD—230,000 lbs, Wellington
BONEMEAL—100,000 lbs, Tientsin
CARDAMOMS—330 lbs, Amritsar
CHILLIES—50 bgs, 5,000 lbs, Yokohama
CINNAMON, QUILL—8,000 lbs, Colombo
COPRA—1,120,000 lbs, Cebu
MEAL—2,016,000 bgs, Manila
600,000 lbs, Cebu
5,900 sks, 590,000 lbs, Manila
CUMIN SEED—11,200 lbs, Karachi
11,200 lbs, India
DRUGS—90 lbs, Hongkong
FISH LIVERS—46 tins, 1,840 lbs, Japan
337 tins, 13,480 lbs, Kobe
48 tins, 1,920 lbs, Japan
275 tins, 11,000 lbs, Zamboanga
GLASS, ROUGH—15,570 lbs, Glasgow
KELP, POWD—360 lbs, Kobe
OIL, WALNUT—40,000 lbs, Tientsin
PEPPER, BLACK—89,830 lbs, Batavia
67,050 lbs, Semarang
SESAME SEED—44,800 lbs, Hongkong
TANKAGE—56,000 lbs, Buenos Aires
TAPIOCA FLOUR—3,950 lbs, Hongkong
THYME LEAVES—72 bls, 6,300 lbs, Alicante
TOILET PREP—70 lbs, Kobe

Philadelphia Imports

BAUXITE ORE—2,867 tons, Demerara
BERYLLIUM ORE—50 tons, Cabedello
BONEMEAL—2,244 bgs, National City Bank of New York, Buenos Aires
CANARY SEED—78 bgs, Buenos Aires
CASEIN—84 bgs, Buenos Aires
CHROME ORE—15,420 tons, E J Lavino, N Caledonia
7,000 tons, E J Lavino & Co, Beira
COCOA BEANS—2,000 bgs, J Henry Schroeder Banking Corp, Bahia
700 bgs, Bankers Trust Co, Bahia
13,500 bgs, National City Bank of New York, Ilheos
1,000 bgs, J Henry Schroeder, Ilheos
3,000 bgs, Ilheos
COCONUTS—67 bgs, Simon & French, San Juan
82 bgs, San Juan
233 bgs, Mayaguez
CORK, VIRGIN—4,669 bls, Armstrong, Sines
2,000 bls, Armstrong Cork Co, Faro
6,200 bls, Armstrong Cork Co, Lisbon
WASTE—680 bls, Armstrong, Sines
2,300 bls, Armstrong Cork Co, Faro
8,175 bls, Armstrong Cork Co, Lisbon
2,939 bls, Armstrong, Sines
7,500 bls, Armstrong Cork Co, Faro
14,591 bls, Armstrong Cork Co, Lisbon
WOOD—250 bls, Armstrong Cork Co, Faro
1,345 bls, Armstrong Cork Co, Lisbon
COTTONSEED MEAL—3,944 bgs, Santos
HONEY—20 bbls, 50 crtns, San Juan
LEAD ORE—1,814 tons, Tampico
MOLASSES—1,243,112 gls, E I du Pont de Nemours & Co, Barahona
125,647 gls, E I du Pont de Nemours & Co, Inc, San Pedro de Macoris
1,350,599 gls, Publicker Alcohol Co, Boqueron, Cienfuegos & Manopla
OIL, COCONUT, CRUDE—560 tons, Manila
PETROLEUM, CRUDE—81,357 bbls, Atlantic Refining Co, Puerto la Cruz
25,218 bbls, Gulf Oil Corp, Puerto la Cruz
30,351 bbls, Gulf Oil Corp, Puerto la Cruz
29,518 bbls, Gulf Oil Corp, Puerto la Cruz
28,970 bbls, Gulf Oil Corp, Puerto la Cruz
80,590 bbls, Gulf Oil Corp, Puerto la Cruz
65,700 bbls, Cities Service Oil Co, Minatitlan
POTASH BICHROMATE—17 bbls, Carr Oil Co, Buenos Aires
RAPESEED—108 bgs, Buenos Aires
TANKAGE—1,001 bgs, Buenos Aires

San Francisco Imports

COCONUT, DESIC—1,150 pkgs, Wood & Selick, Manila
COPRA MEAL—4,000 bgs, El Dorado Oil Works, Cebu
1,000 bgs, El Dorado Oil Works, Cebu

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetic act, or did not comply with other customs regulations. included the following articles for the reason stated:—

Baltimore

Week Ended January 8

Fertilizer mixture, 80,264 bags; restricted use.

Boston

Week Ended January 8

Cod oil, 11,774 gallons; restricted use.

New York

Week Ended January 8

Cassia oil, 20 drums; not U.S.P.
Cod oil, 17 drums; restricted use.
Medicinal preparation, 20 cases; false therapeutic claims.
Nutmegs, 55 bags; restricted use.

Philadelphia

Week Ended January 8

Cocoa beans, 778 bags; water damaged.

San Francisco

Week Ended January 2

Medicinal preparations, 1,120 pieces; no adequate directions for use, no adequate warnings.

Medicinal preparations, 26 pieces; false therapeutic claims, active ingredients and bromides not declared.

Medicinal preparations, 200 pieces; false therapeutic claims, no directions for use.

Exports from U.S. Ports

Baltimore Exports

GLUCOSE—380,205 lbs, India
OIL, COMPRESSOR—168 lbs, India
POTASH BICHROMATE—25,088 lbs, India
SODA BICHROMATE—324,576 lbs, India
STARCH, PEARL—158,480 lbs, India
POWDERED—181,440 lbs, India

Los Angeles Exports

ACID, BORIC—4 kgs, 440 lbs, Manila; 5,400 bgs, 604,800 lbs, Liverpool; 1,500 bgs, 168,000 lbs, Manchester; 132 bgs, 13,200 lbs, Barranquilla; 80 bgs, 8,820 lbs, Callao
CRESYLIC—128,610 lbs, San Antonio
ASBESTOS, CRUDE—120,000 lbs, Yokohama
ASPHALT, SOLID—30 dms, 20,160 lbs, Balboa
BORATE—7,512 bgs, 1,422,230 lbs, Osaka
BORAX—50 bgs, 5,000 lbs, Manila; 16,100 bgs, 1,803,200 lbs, Liverpool; 4,300 bgs, 481,600 lbs, Manchester; 4,383 bgs, 729,000 lbs, Osaka; 90 bgs, 4,500 lbs, Barranquilla
CALCIUM ARSENATE—32,500 lbs, Topolobampo; 66,000 lbs, Callao
CHLORIDE—50 lbs, Manila
CLAY—50 sks, 5,600 lbs, Salinas
FILTER—200 sks, 10,000 lbs, Vancouver
CLEANER—250 lbs, Manila
COCOA BUTTER—11,000 lbs, Kobe
DIATOMACEOUS EARTH—600 bgs, 60,000 lbs, Eten; 204 sks, 25,740 lbs, Valparaiso; 780 bgs, 78,000 lbs, San Juan; 200 bgs, 20,000 lbs, Mayaguez; 1,305 bgs, 132,460 lbs, Liverpool; 224 bgs, 22,400 lbs, Manchester; 835 bgs, 78,410 lbs, Liverpool; 43 bgs, 4,410 lbs, Yokohama; 600 bgs, 60,900 lbs, Eten; 264 bgs, 25,740 lbs, Valparaiso; 20 bgs, 2,000 lbs, Panama
EPSOM SALT—1,000 lbs, Guayaquil
FILM SCRAP—6,610 lbs, Shanghai
GASOLINE—41,817 bbls, Dairen; 22,000 dms, Itozaki; 1,500 cs, Santa Rosalia; 97,248 bbls, Vladivostok; 60 dms, Santa Rosalia; 30,000 dms, Yokohama/Moji
AVIATION—200 dms, Alto La Paz
GREASE, LUBRIC—15 dms, 6,000 lbs, Manila; 15 cs, 440 lbs, Medan; 32 pkgs, 2,490 lbs, Sourabaya; 39 pkgs, 2,140 lbs, Semarang
KEROSENE—9,844 bbls, Ioco; 1,000 cs, Puerto Armuelles
DISTILLATE—3,420 bbls, Hongkong
LACQUER—4,340 lbs, Lima; 620 lbs, Bayamon; 570 lbs, Santurce
THINNER—1,760 lbs, Arecibo; 2,640 lbs, Santurce; 1,760 lbs, Mayaguez
LARD—7,200 lbs, Santa Rosalia
SUBSTITUTE—650 lbs, Manila
OIL, COCONUT—33,200 lbs, Callao; 8,600 lbs, Guayaquil
COTTONSEED—5,760 lbs, Manila
COTTONSEED, ACIDUL—12 dms, 4,960 lbs, Barranquilla
COTTONSEED, HYDROG—1,120 bgs, 112,000 lbs, Barranquilla
DIESEL—14,016 bbls, Cebu; 18,108 bbls, Cristobal
FUEL—46,926 bbls, Antofagasta/Iquique; 33,351 bbls, Bolivia; 23,553 bbls, Santa Rosalia; 45,828 bbls, Cebu; 23,123 bbls, Santa Rosalia; 4 dms, Kobe
LUBRICATING—60 dms, San Juan; 1,000 dms, Dairen; 44 pkgs, Medan; 229 pkgs, Sourabaya; 221 pkgs, Semarang; 65 dms, Manila; 3 cs, 1 dm, Puerto Armuelles
PALM, ACIDUL—4,000 lbs, Callao
PALM, HYDROG—1,250 bgs, 152,000 lbs, Manila; 20 bgs, 2,000 lbs, Barranquilla
SALAD—15 bgs, 2,400 lbs, Singapore
PAINT—300 lbs, Lima; 14,030 lbs, Shanghai
ASPHALT—2 ctns, 80 lbs, Santa Rosalia
PREPARED—660 lbs, Lima
PYROXYLIN—5,700 lbs, Lima
TIRE—140 lbs, San Juan
PETROLEUM, COKE, CALC—5,510,400 lbs, Yokohama
POLISH—720 lbs, Lima; 180 lbs, Lima
POTASH, MURIATE—2,000 bgs, 400,960 lbs, Mayaguez; 500 bgs, 100,800 lbs, San Juan; 999,040 lbs, San Juan
SULPHATE—500 bgs, 100,800 lbs, San Juan
SOAP, LAUNDRY—1,200 lbs, Manila
TOILET—800 lbs, Shanghai
SODA ASH—66,140 lbs, Acapulco; 220,080 lbs, Vancouver
BICARBONATE—4,500 lbs, Buenaventura
TALC—1,060 sks, 109,760 lbs, Guayaquil; 60 bgs, 6,000 lbs, Barranquilla; 620 sks, 34,720 lbs, Cartegna; 800 bgs, 40,000 lbs, Havana; 20,000 lbs, Corinto; 128 sks, 8,960 lbs, Guayaquil
TOILET PREPS—1,110 lbs, San Juan; 1,570 lbs, Hongkong; 120 lbs, Bagnio; 1,100 lbs, Caracas; 120 lbs, San Juan; 80 lbs, Balboa; 1,850 lbs, Santiago
VARNISH—180 lbs, Lima
WOOD FILLER—170 lbs, Lima

New Orleans Exports

ALUMINUM FOIL—7 tons, Vera Cruz
ASPHALT—24 tons, Puerto Barrios
SOLID—20 tons, Vera Cruz
FERTILIZER—102 tons, Celba
GLASS, WINDOW—12 tons, Puerto Barrios
LARD—30 tons, West Coast South America; 14 tons, Havana; 10 tons, Vera Cruz; 15 tons, Panama City
OIL, COTTONSEED, SOLIDIFIED—6 tons, Celba
DIESEL—169 tons, Puerto Cabezas
FUEL—274 tons, Celba
LUBRICATING—11 tons, Cristobal
OILMEAL—41 tons, Havana
PARAFFIN—37 tons, Vera Cruz
ROSIN—41 tons, Barranquilla; 159 tons, West Coast South America
SALT—5 tons, Puerto Cabezas
SODA, CYANIDE—28 tons, Puerto Cabezas
TANNING EXTRACT—23 tons, Vera Cruz
TURPENTINE—14 tons, West Coast South America
ZINC DUST—53 tons, Vera Cruz

Philadelphia Exports

ALUMINA SULPHATE—276 bgs, Rio Janeiro
ANTIMONY REGULUS—4 cns, Santos
BARIUM CARBONATE—672 bgs, Santos
BENZOL—113 dms, Buenos Aires
CHROME ORE—55 bgs, Pernambuco
CRYOLITE—440 bgs, Santos
EMULSIFYING OIL—1 bx, Santos
GREASE, LUBRIC—5 bbls, Pernambuco
HYDROSULFITE—50 dms, Pernambuco
LEATHER FINISHING COMP—9 kgs, Buenos Aires
OIL, EMULSIFYING—1 bx, Santos
LUBRICATING—580 dms, Manila; 50 dms, Shanghai; 35 cs, 105 dms, Pernambuco
MINERAL—100 dms, Hongkong
PARAFFIN—30 bgs, Shanghai; 255 bgs, Hongkong
RESIN—16 bbls, 6 dms, Buenos Aires
SYNTHETIC—5 dms, Buenos Aires
TANNING EXTRACT—1 dm, 3 bbls, Buenos Aires

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE—3,496 bbls, Oleum; 1,491 bbls, San Diego; 4,103 bbls, San Diego; 55,545 bbls, Seattle; 36,210 bbls, Port San Luis; 61,052 bbls Seattle; 1,097 bbls, San Diego; 9,533 bbls, San Diego; 7,082 bbls, Stockton; 17,840 bbls, Stockton; 10,995 bbls, Stockton; 9,533 bbls, San Diego
KEROSENE—6,041 bbls, Oleum; 8,537 bbls, Seattle
OIL, DIESEL—4,472 bbls, San Diego; 1,218 bbls, San Diego; 7,488 bbls, Seattle; 4,040 bbls, Portland
FUEL—32,939 bbls, Oleum; 67,507 bbls, Seattle, 40,222 bbls, Portland; 41,540 bbls, Oleum; 2,361 bbls, Portland; 67,154 bbls, Portland; 59,341 bbls, Portland
FURNACE—50,036 bbls, Oleum; 8,634 bbls, Seattle; 3,018 bbls, Portland; 10,912 bbls San Diego

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Aluminum:—Northern Rhodesia has subject to license imports of aluminum.

Aluminum Products:—Union of South Africa has made subject to license imports of aluminum and aluminum products.

Babassu Nuts:—Venezuela has increased the import duty on babassu nuts from 0.10 to 0.20 bolivar per gross kilogram.

Chromates:—British India has restricted to license imports of potash and soda bichromate and other chrome compounds, not including barium, lead and zinc chromates.

Gasoline:—Grenada has imposed an additional one pence duty per imperial gallon, to apply in lieu of the import surtax of one-tenth of the import duty.

Lac Refuse:—British India prohibits the exportation of lac refuse.

Margarin:—Swedish import duty on "household" margarin, having a melting point below 37°, has been increased from 70 crowns to 215 crowns per 100 kilos and that on other margarin and on synthetic lard has been increased from 65 crowns to 70 crowns per 100 kilos.

N.Y. Exporters Told Films Aid Latin-American Trade

Major Fred Herron, manager of the foreign division of Motion Picture Producers and Distributors of America, addressed the Export Managers Club, in the Hotel Pennsylvania, January 7. Major Herron discussed "Motion Pictures Promote American Foreign Trade." He spoke in the place of Clayton Lane, American Commercial Attache in Johannesburg, South Africa, who has been delayed in arriving from his post as a result of the rough weather on the Atlantic Ocean.

Bowring & Co. Elects Officers

Charles W. Bowring, jr., has been elected president of Bowring & Co., general steamship and export and import business, this city. He fills a vacancy created by the recent death of his father. Other officers elected at the annual meeting January 3 were:—Vice-president, Clifford B. Merritt; secretary, Benjamin T. Young, and treasurer, George F. Murray. The new president will retain his post as director of the British Ministry of Shipping in the United States.

Business Wants and Offers

Minimum rate (up to 36 words), without display, $2.00 per insertion; 25c for each additional 6 words
Payable in advance at 59 John Street, New York

Agencies Wanted

IF YOU are a producer of oxides, bond blacks, chemical specialties, or vegetable oils, and would be interested in Ohio representation by an established firm, address BOX 310, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

SPECIALS FROM stock: A. T. & M. 10½-inch rubber lined centrifugal, motor driven; Shriver 30-inch steam jacketed filter press; Day jumbo mixer, 680 gals.; Ross 4 ft. 8 in. putty chaser; four Patterson 1,000 gal. mixing tanks; five 26-inch stone mills with iron mill feeds; three 8-inch laboratory stone mills; filter presses, 12-inch to 36-inch, cast iron and wood; pebble and ball mills, laboratory to 1,000 gals.; pony mixers; dry powder mixers; colloid mills; vacuum pans, etc. Send for latest bulletins. Brill Equipment Corporation, 183 Varick street, New York City.

FIND what you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Company, 123 Bleecker street. SPring 7-8955.

FOR SALE—By operators, complete pulverizing plant, purchased 1936, Raymond 3-roll, high side mill, belt drive, with cyclone collector, air-separator, tubular dust collector, inter-connecting ducts and fan-all motors, starters and panal-jaw crushers, elevators, conveyors, etc. BOX 314, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Proctor 2 truck dryer; jar mills, new, one and four gallon pebble mills, 25-50-100 gallons; 18 inches Sperry cast iron plate and frame filter press; Day powder mixers. Lawler Company, Metuchen, N. J.

Equipment Wanted

WANTED—750 kw. or 1,000 kw. 250 volt compound wound rotary converter with or without all necessary transformers, panel boards, meters and operating equipment. Also, centrifuge, evaporator, crystalizer and rotary dryers. BOX 290, Oil, Paint and Drug Reporter.

WANTED—For chemical plant, filter press, jacketed kettle, vacuum dryer, powder mixers, pulverizer. No dealers. BOX 303, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, two-story, 8,500 sq. ft., concrete floors, high ceilings, elevator, 24-hour live steam available, railroad siding, yard. Unrestricted district, seven miles to New York City. The R. L. Kraft Company, Woolworth Building. COrtlandt, 7-9377.

Materials Offered

LUMINOUS CALCIUM is not new, but "Calux" luminous calcium pigment and paint with sensational all-night afterglow is. Numerous commercial uses. Absolutely safe. Employed extensively in England for illumination during blackouts. Sole manufacturers. American Luminous Products Co., Huntington Park, California.

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Materials Wanted

WILL PURCHASE your surplus and discontinued lots of chemicals, oils, waxes, dyes, intermediates, dry colors, greases, metals and other raw materials and by-products. Also entire plants. Consult inventory and plant superintendent. Barclay Chemical Co., Inc., 75 Varick street, New York. Telephone WAlker 5-4250.

HIGHER MARKETS—Sell now. Wanted—Surplus or off-grade waxes, chemicals, greases, oils, botanicals, solvents, aromatics, gums, metals. Also wastes, by-products, residues. Single lots. Entire plants. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0133.

Positions Vacant

SYNTHETIC RESIN man, thoroughly experienced with plant operations and research work wanted. Good opportunity for energetic, aggressive man. State experience and salary in first letter. Do not apply unless you can produce. BOX 309, Oil, Paint and Drug Reporter.

EXPERIENCED PHARMACEUTICAL sales executive wanted by established firm. State sales experience and references. BOX 312, Oil, Paint and Drug Reporter.

PAINT SUPERINTENDENT and formulator wanted by small, progressive manufacturer in Detroit. This man must be young and aggressive and have an up-to-date knowledge of pigments and vehicles. Must have experience and full ability to formulate an architectural line of finishes of real merits. Give in letter full details of your experience, age and former connections. Opportunity. BOX 313, Oil, Paint and Drug Reporter.

Positions Wanted

"IRON OXIDES"—Man with many years' experience in production of iron oxides desires position with established manufacturer or company desirous of entering into production of synthetic iron oxides. BOX 306, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL ENGINEER, long experience on construction, maintenance, operation, process development. Aggressive, tactful, hard worker, with executive ability. Protestant. U. S. citizen. Coaltar, coke, petroleum, and all related chemical products. Immediate placement. Any location. A. L. Miller, 1824 Wynnewood Rd., Philadelphia, Pa.

PHARMACEUTICAL CHEMIST — Registered pharmacist, young, capable, experienced in production and analytical control of pharmaceuticals, ointments, tablets, and ampoules, desires position. References. BOX 307, Oil, Paint and Drug Reporter.

SALESMAN—Paints, varnishes, colors, with extensive trade and following among leading jobbers, retail paint stores, industrial trade in metropolitan area wishes to connect with first-class manufacturing concern. Commission basis. BOX 308, Oil, Paint and Drug Reporter.

Services Offered

CHEMIST and chemical engineers—if you are now unemployed send your complete chronological record of education and experience to Chemist Advisory Council, Room 811, 60 East 42nd street, New York City.

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CHECK INVENTORIES! We purchase any quantity surplus, chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals, and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

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KETTLES—Bethlehem closed and agitated processing kettle vacuum pressure 8' diameter, 4' 6" deep; also large stock of copper, steel, nickel kettles.

FILTERS—Over 150 in stock for every purpose and material.

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Bids Wanted

Antimony Sulphide:—150 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 1382, opening January 20.

Carbon, Activated:—50,000 pounds; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 4710, opening January 17.

Hexachlorethene:—330,000 pounds, Chemical Warfare Service, Edgewood Arsenal, Md.; invitation 791, opening January 20.

Insecticide:—12,500 gallons, Purchasing and contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; invitation 79, opening January 14.

Kerosene:—250,000 gallons, General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 4692, opening January 15.
1,000,000 gallons motor fuel V; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 4692, opening January 15.
200,000 motor fuel V; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 4692, opening January 15.

Pitch, Coaltar:—3,000 pounds; Warden, Federal Reformatory, Petersburg, Va.; invitation 9-265, opening January 16.

Soda Bichromate:—4,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 1359, opening January 14.

Starch, Pearl:—2,800 pounds; Purchasing Agent, Bureau of Engraving & Printing, Washington, D. C.; invitation BEP 745, opening January 14.

Trichlorethylene:—2,500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 1402, opening January 22.

Holiday Mementoes Received

OPD acknowledges with sincere appreciation the receipt from its friends of holiday greetings and expression of goodwill and prosperity in 1941. Among the mementoes received were:—

A clever card expressing the season's greetings in a variety of languages, from the Gordon Vichek Advertising Agency.

A colorful card, picturing a Chilean shepherd and a llama, and extending wishes of a merry Christmas, from Franko Klinge & Cia.

A special Christmas edition of *Bagology*, in which appears greetings of the season, from the Chase Bag Company.

A card of encouragement, to aid in the solution of the tasks in the new year, from Harry Cohen, chemical dealer, of Atlanta, Ga.

A unique card, based on the "Believe It or Not" theme, explaining how greetings are expressed in diverse corners of the globe, from the W. A. Hammond Drierite Company.

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SPECIAL ITEMS FROM STOCK

2—Devine 5 ft. by 33 ft. Rotary Vacuum Dryers; other sizes from 2' x 6' up.
1—Louisville 4 ft. 6 in. by 20 ft. Steam Tube Dryer.
12—Vacuum Shelf Dryers, all sizes.
1—Zaremba Triple effect Evaporator, 2,100 sq. ft. per effect.
1—9 ft. Copper Vacuum Coil Pan.
1—W. & P. Vacuum Mixer, 100 gal.; other W. & P.'s, 2 gal. to 2,000 gal.
7—3-roll Roller Mills, up to 16 by 40.
1—6' underdriven Putty Chaser, double rollers.
1—5' by 22" Hardinge Conical Ball Mill.
12—Ball Mills, 10 gal. to 500 gal.
2—Shriver 32 in. x 32 in. castiron Filter Presses, recessed, center feed, 30 plates; other sizes from 7" x 7" to 42" x 42".
1—Oliver 8 ft. x 12 ft. Rotary Continuous acid proof Filter.
2—Dopp Jacketed Kettles—500, 650 gals.
1—700 gal. Duriron jacketed Kettle.
1—Day 80 gal. Brighton Change Can Mixer.
1—No. 10 Sweetland Filter, 2" c.c.; others all sizes.
14—Centrifugal Extractors, 16" to 60".

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Trade Briefs

General Electric Company, Schenectady, N. Y., has named D. S. Mix to handle media and publishers relations for the company's publicity department.

Paint-up campaign, Hagerstown, Md., resulted in use of 33,519 gallons of paint and varnish, valued at $82,687.25.

Ready-mixed paint imported into Argentina declined from 787,263 kilograms valued at 1,063,779 pesos in 1938 to 552,879 kilograms valued at 740,323 pesos in 1939.

Jones & Laughlin Steel Corporation, Pittsburgh, has filed a registration statement with the Securities and Exchange Commission covering $28,000,000 of 3¼ percent first mortgage bonds, series C, due January 1, 1961.

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